THE TWENTY FOURTH

ANNUAL REPORT

OF THE

ANNAMALAI UNIVERSITY

1952

6720
28.4.53

ST-01
R94

6868
2.5.53

THE NATIONAL (POWER) PRINTERS,
CHIDAMBARAM.

1953

THE TWENTY FOURTH
ANNUAL REPORT
OF THE
ANNAMALAI UNIVERSITY
1952

THE NATIONAL (POWER) PRINTERS,
CHIDAMBARAM.

1953

ANNUAL REPORT 1952.

CONTENTS

			PAGE
I.	Introductory	...	1
II.	Personnel	...	2
III.	University Authorities		
	(i) Constitution	...	3
	(ii) Meetings	...	4
	(iii) General	...	5
IV.	Legislation		
	(i) Statutes	...	5
	(ii) Regulations	...	5
	(iii) Standing Orders	...	7
V.	Admissions	...	7
VI.	Courses of Study	...	9
VII.	Examinations	...	14
VIII.	Convocation	...	18
IX.	Research	...	20
X.	Publications	...	26
XI.	Lectures	...	29
XII	Other Matters of academic importance	...	32
XIII.	Lands and Buildings	...	37
XIV.	Accounts	...	39
APPENDICES:—			
	A—Departments of Studies	...	73
	B—University Library	...	14
	C—Health & Sanitation	...	73
	D—Residence-Students' Hostels	...	74
	E—Rover Crew	...	78
	F—Statement of candidates registered for & awarded research degrees	...	79
	G—List of Prize winners & Medalists	...	82
	H—Audit Report on the Accounts of the University for the year 1951—52 and replies thereon	...	84
	I—Statement showing the strength of staff in the several departments of study	...	96
	J—Statement of Students in the various departments.	...	97
	K—Extension Lectures	...	98

ANNAMALAI UNIVERSITY.

ANNUAL REPORT - 1952

I. Introductory.

1. The Syndicate presents to the Senate, under Statute 6 of Chapter XIV of the Laws of the University the following report containing a brief account of the work and progress of the University during the year 1952 The report covers the period from the 1st January 1952 to the 31st December 1952.

2. During the year, the academic progress of the University was towards consolidation of the existing courses of study. The activities of the University continued in all respects as in previous years. The following may be mentioned as some of the outstanding features during the period.

(i) Formation of a Post - Graduate Council to co-ordinate the studies and research activities of the Post - Graduate Schools in several subjects.

(ii) Grant of exemption from payment of tuition fees to sons and daughters of all employees of the University who are students of the University.

(iii) Receipt of recurring and non-recurring grants sanctioned by the Government of India towards the implementation of the development plan for the Engineering Department.

(iv) Introduction of 'Agriculture' as an optional subject of study for the Intermediate Course.

(v) Reorganization of the course in English under Part I of the B A. and B Sc. Degree enlarging its scope and standard with effect from the academic year 1952-53.

(vi) Revision of the scheme of instruction, examination and syllabuses for the four years of the B. E. Degree Course on the basis of the recommendations of the Joint Committee of the Inter-University Board and the All India Council of Technical Education approved by the Inter-University Board at its meeting held in Delhi on 21-12-1951.

(vii) Institution of M. Sc. degree (by examination) in Engineering at the end of a course of one year after the B. E. Degree.

(viii) Constitution of a Committee to concert measures for the University Silver Jubilee Celebrations to come off in 1954.

II. Personnel.

3. *Chancellor* His Excellency Colonel Maharajah Shri Sri Krishna Kumarasinghji. K C S I., Maharajah of Bhavnagar, the Governor of Madras State continued to be the Chancellor of the University till 12—3—1952.

His Excellency Shri Sri Prakasa who succeeded him as Governor of Madras became Chancellor from 12—3—1952.

4. *Pro-Chancellor:* Rajah Sir M. A. Muthiah Chettiar Kt, B. A., M. L. A., continued to be the Pro-chancellor of the University.

5. *Vice-Chancellor:* Dr. R. K. Shanmukham chetty B. A., B. L., D. Litt. continued to be the honorary

Vice Chancellor except for a short period from 10--9--1952 to 1—11—52 when he went on leave on medical grounds During this period the Syndicate, under Law 11 of Chapter IV, unanimously elected Sri A. Ramanatha Pillai. Deputy to the Vice-Chancellor, to exercise the powers and perform the duties of the Vice-Chancellor.

6. *Deputy to the Vice Chancellor*: Sri A. Ramanatha Pillai, M. A continued to be the Deputy to the Vice-Chancellor.

7 *Registrar*: Sri A. M. Balasundara Mudaliar, B. A. continued as Registrar till 5—12—1952. Sri T. D Meenakchisundaram B A, B. L, Deputy Registrar was appointed to officiate as Registrar from 5—12—52.

8. *Deputy Registrar*. Sri T. D. Meenakchisundaram, B A., B. L., continud as Deputy Registrar till 5—12—52. Sri S. Ramachandra Ayyar, B. A., Senior Superintendent was appointed to officiate as Deputy Registrar from 5-12-52.

9. *Bursar*: Sri K P. Kandaswami Pillai, continued as Bursar during the year.

III. University Authorities.

(i) Constitution.

10. Vacancies among the several bodies that occurred during the year were filled by election or nomination.

A Board of Studies in Agriculture was constituted during the year.

11. Departments of Study :- Tamil Research Department was constituted as a separate Department of Study comprised in the Faculty of Oriental Studies.

(ii) Meetings.

12. *Senate:* Two statutory meetings were held during the year - the annual meeting on the 29th March 1952 and the other on the 15th November 1952. A Convocation for conferring Degrees and Titles was held on the 14th November 1952.

13. *Board of Selection:* The Board met three times during the year to appoint teachers and officers of the University. Urgent items were decided in circulation.

14. *Syndicate*: Seven meetings were held during the year. Routine and urgent items of business were decided whenever necessary in circulation.

15. *Academic Council:* There were two ordinary meetings, one on the 22nd March 1952 and the other on the 13th September 1952.

16. *Boards of Studies*: The annual meetings of the various Boards of Studies were held in July and August.

17. *Faculties*: Faculties of Arts, Science, Oriental Studies and Engineering and Technology met once during the year.

18. *Committees*. During the year there were 8 meetings of special Committees constituted for various purposes. The number of meetings of the several standing committees of the Syndicate is detailed below.–

Research and Publications Committee	...	1
Exemption and Recognition Committee	...	1
Finance Committee	...	2
Buildings Committee	...	4

(iii) General.

19. The Senate at its meeting held on the 15th November 1952 unanimously passed a resolution congratulating and felicitating the Vice-Chancellor on his attainment of the 61st Birth day.

20. The Syndicate reports with regret the death of the following persons who were members of one or more of the University authorities. Suitable references were made at the meetings of the University authorities of which they had been members and resolutions of condolence were passed.

1. Sri. T. A. Ramalingam Chettiar,
2. Sri. K. S. Venkataramani.

IV. Legislation.

i Statutes.

21. The Senate during the year passed amendments to statutes 6 and 7 Chapter VII of the Laws revising the conditions for registration of graduates of the University and these received the assent of the Chancellor under Section 30 (4) of the Act.

ii. Regulations.

22. The following amendments to Regulations were passed by the Academic Council during the year and placed before the Senate under Section 32 of the Act.

(i) Amendments to Regulations governing B. A, and B. A. (Hons), B. Sc. and B. Sc. (Hons), B. E., and B. E (Chem) Degree Examinations implementing the concession

granted to N. C. C. Cadets who qualify for the B and C Certificates awarded by the N. C. C. Directorate.

(ii) Amendment to Regulation 2 of Chapter XXXVIII of the laws governing the award of the M. Litt Degree enabling a Bachelor of Oriental Learning to register for the M. Litt Degree under certain prescribed conditions.

(iii) Amendment to Paragraph 2 of Regulation 10 of the Regulations relating to Sangita Bhushana Title so as to permit candidates failing in Tamil at the Preliminary Examination to proceed to the next higher class and complete the preliminary examination before their admission to the Final Examination

(iv) Transitory Regulation enabling graduates with qualifications in Music prescribed for the purpose to register themselves as candidates for the degree of M. Litt.

(v) Amendment to Regulations 15 and 16 of Chapter XLIX of the laws regarding B. E. and B. E. (Chem) degrees enabling candidates, securing the aggregate minimum at the final degree examination but failing in not more than two subjects, to reappear only in the subjects in which they failed to secure the passing minimum.

(vi) Amendments to regulations revising the scheme of study and examination in Sanskrit for the B. A. (Hons) Degree to include an Essay paper consisting of two equal parts, one to be answered in Sanskrit and the other in English.

(vii) Amendment to Regulation 7 of Chapter XXVII and Regulation 6 of Chapter XXXIX enlarging the scope of Part I English of the B. A. and B Sc Degree Courses by increasing the number of papers from three to four.

(viii) Revision of the scheme of instruction and examinations in Engineering for the four years of the course leading to the B E. Degree on the basis of the recommendations of the Joint Committee of the Inter-University Board and the All India Council for Technical Education.

(ix) Amendments to Regulations in Chapter XL making provision for the award of the degree of Master of Science (by examination) in Engineering.

(x) Amendment to Regulation 2 of Chapter XLIX fixing 75% of attendance at (1) Lectures and (2) Practical classes for Engineering students so as to be in conformity with the percentage prescribed for students of other Faculties

(xi) Amendments to Regulations clarifying the position in respect of weightage of marks awarded to N. C. C. Cadets at University examinations, enabling border-line candidates to pass the examinations.

(xii) Amendments to Regulations constituting 'Tamil Research' as a separate Department of Study comprised in the Faculty of Oriental Studies

.iii Standing Orders.

23. (i) Amendments to Standing Orders prescribing a uniform scale of travelling and other allowances for members of the Senate, the Syndicate, the Academic Council and the Board of Selection

(ii) A Special Committee was constituted to revise the Standing Orders relating to Leave Rules.

V. Admissions.

24. The total number of students on the rolls of the University on the 31st December 1952 was 1825 as against 1777 of the previous year. The number of women students was 121 as against 106 of the previous year.

In spite of the limitations imposed on admission to junior classes with reference to Hostel accommodation, the number of admissions to the junior classes

had to be increased. In respect of Engineering, the restriction imposed by the Government of India to limit the first year Engineering admissions to 60 was adhered to. Rules were framed to regulate readmission of students failing in the first year examination. The following is the statement showing the number of students admitted during the year in the several Faculties, the total number in 1952 and in the preceding three years.

Class	Total Number of Students in the University				Arts	Science.	Oriental Studies	Engg. & Chemical Engg.	No of students admitted in 1952-53
	1949	1950	1951	1952					
Intermediate	514	558	698	764	318	446	—	—	374
B.A. & B. Sc (Pass)	228	194	189	213	67	146	—	—	116
B.A. & B. Sc (Hons	2 9	289	318	315	177	138	—	—	81
B. O. L.	2	6	5	6	.	—	6	—	3
Pulavar	62	47	60	66	—	—	66	—	19
Siromani	14	12	9	9	—	—	9	—	1
Samapradhana	—	1	1	1	—	—	1	—	—
Sangitha Bushana	86	57	58	45	—	—	45	—	13
B. Music	2	3	2	4	—	—	4	—	4
Engineering	356	328	335	294	—	—	—	294	62
Engineering (Chemical)	83	95	102	108	—	—	—	108	30
Total ...	1596	1590	1777	1825	562	730	131	402	703

VI, Courses of Study.

25. *Secondary School Leaving Certificate*:- Professor T. P. Navaṇithakrishna was nominated to represent the University on the Board of Secondary Education reconstituted from 20—9—52 for a period of three years.

Sri P. Venkataramana Raju was appointed to represent the University on the S. S L. C. Moderation Board to consider hard cases of candidates failing to satisfy the eligibility rules at the S. S. L. C. Public Examination held in March 1952 and Sri S. Govindarajalu for a similar purpose in connection with the S. S. L. C Examination held in October 1952.

Sri R. Ramanujachariar was nominated as the representative of the University to give evidence before the Secondary Education Commission constituted by the Government of India.

26. *Intermediate*: (i) The Syndicate endorsed the view expressed by the Faculty of Oriental Studies that candidates seeking admission to the Intermediate should not be allowed to offer a language under Part II not offered by them at the preceding qualifying examination.

(ii) Amendments to Regulations were passed including Agriculture as an optional subject of study under Part III of the Intermediate Examination as recommended by the Board of Studies in Agriculture

and approved by the Faculty of Science. A syllabus in the subject was adopted by the Academic Council.

27. *B. A. and B. Sc. Degree Courses:-*

(i) The Syndicate decided that candidates for the Pass Course should offer the same language under Part II which they offered for the Intermediate Examination.

(ii) The course of study and examination in English under Part I of the B. A. and B. Sc. Degree was remodelled with effect from the academic year 1952—53. The course was enlarged to include the study of two plays of Shakespeare, Modern Prose Modern Poetry and Composition on matter supplied by books set for non-detailed study.

(iii) The introduction of Geology as one of the optional subjects under Part III or Part IV of the B. Sc. Degree with effect from the academic year 1953-54 is under consideration of the Syndicate The State Government have made non-recurring and recurring grants for the purpose.

28. *B. A. (Hons.) and B. Sc. (Hons.) Degree Courses:—*

(i) "Social Institutions" was prescribed as one of the special subjects of study for the B. A. (Hons.) degree in Branch III Economics. A syllabus in the subject recommended by the Board of Studies in Economics and approved by the Faculty of Arts was passed by the Academic Council.

(ii) The revised scheme of study and examinations for the B. A. (Hons) Degree in Sanskrit was referred to the Faculty of Oriental Studies to examine the desirability of having two equal parts in the Essay Paper one of which to be answered in Sanskrit and the other in English. Amendments to Regulations giving effect to the revised scheme on the above lines were adopted by the Academic Council.

(iii) The Academic Council approved the revised syllabus in Zoology for the B. Sc. (Hons) Degree examination recommended by the Board of Studies in Zoology and approved by the Faculty of Science.

(iv) The Syndicate approved the recommendation of the Board of Studies in Physics to make provision for students of the Honours classes being taken on excursions to institutions of higher research in Physics.

29. *Oriental Titles*:— (i) The recommendation of the Board of Studies in Music that candidates for the Sangita Bhushana (Preliminary and Final) shall study two of the following subjects (viz) Veena, Vocal, Violin and Mridangam under practical, one of the main standard and the other of the subsidiary standard, was referred to the Faculty of Oriental Studies for opinion.

(ii) A Committee was constituted to consider and report on the course of study leading to the award of Tamil Music Certificate and admissions thereto.

(iii) The syllabus for the Tamil Music Certificate course was enlarged by increasing the number of songs to be studied from 20 to 40.

(iv) Regulations governing the award of Sangita Bhushana Title were revised (i) enabling students securing the prescribed minimum in all subjects except Tamil at the preliminary examination to proceed to the higher class and complete the preliminary examination by passing Tamil before appearing for the final examination and (ii) fixing separate pass minima for both theory and practical parts of the examination.

30. *Engineering and Technology*:— (i) Amendments to Regulations governing B E., and B. E (Chem) degrees were passed enabling candidates securing the aggregate mininum at the final degree examination but failing in not more than two subjects to reappear only in the subjects in which they failed to secure the passing minimum.

(ii) With effect from the academic year 1953-54, the scheme of instruction and examination in Engineering for the four years course leading to the B. E Degree was remodelled on the basis of the recommendations of the Joint Committee of the Inter-University Board and the All India Council for Technical Education.

(iii) Post - Graduate courses of study in Engineering of one year duration leading to the award of M. Sc (by examination) were instituted in the following subjects.

(a) Structural Engineering,
(b) Public Health Engineering, and
(c) Agricultural Engineering.

(iv) 'Soil Mechanics' was included in the syllabus relating to 'Strength of materials and Theory of structures' for the final year Engineering students (Civil Branch).

(v) The Syndicate approved the recommendation of the Board of Studies in Technology to institute Post-Graduate Courses in Chemical Engineering leading to the award of M. Sc. Degree (by examination). The Board of Studies was requested to submit proposals regarding scheme of instruction, examinations and syllabuses.

31. *Research Degrees*:— The special committee appointed to examine the Regulations governing the award of all the research degrees so as to bring them upto date, made its recommendations regarding initial qualifications, period of research, viva voce etc., in respect of the research degrees of M. Litt., M. Sc., and Ph. D., and they were accepted by the Syndicate.

Amendments to regulations to implement the recommendations will be placed before the Academic Council for adoption at its meeting in March 1953.

32. The number of candidates registered for the several research degrees during the year 1952 was as follows :—

M. Litt.	3
M. Sc.	10
Ph. D.	3

During the year 8 theses were submitted for the M. Sc. degree.

The Syndicate, on the report of Boards of Examiners, declared 6 candidates duly qualified for the M. Sc. Degree and the reports of the Boards of of Examiners on the other two are awaited.

During the year two theses submitted for the M. Litt. degree were rejected on the recommendations of the Boards of Examiners.

A statement of candidates registered for, and awarded, research degrees during the year is printed in Appendix F.

VII. Examinations.

33. *Recognition of Examinations*:—

(1) The School Final Certificate issued by the West Bengal Government was deemed equivalent to the eligible S. S. L. Certificate of the Madras State, if the holders are declared eligible for admission to a course of study in a College or University by the Bengal Government.

(2) The Madhyama Examination conducted by the Hindi Prachara Sabha, Madras, was recognised for purposes of offering Hindi as a Second Language under Part II of the Intermediate.

34. *Recognition of Institutions by the University.*

In August 1952, the Trustee of Sri Arumuga Navalar Saivaprakasa Vidyasala, Chidambaram, renewed his application for recognition of the institution by the University as competent to impart instruction in Saiva Siddhanta Pulavar Course. The appointment of a Commission to inspect the institution and report on the application was under consideration of the Syndicate.

35. *Public Examinations of the University.*

The following is the statement of the number of candidates that appeared for the several examinations held during the year and passed.

Examination.		No. Examined	No. Passed.	No. qualified for Degree or Titles.
Intermediate		500	233	
B. A. Part	I	51	26	27
,,	II	27	25	
,,	III	24	20	
,,	IV	32	21	
B. Sc. Part	I	94	67	52
,,	II	68	60	
,,	III	85	48	
,,	IV	81	63	

Examination.	No. Examined	No. Passed:	No. qualified for Degree or Titles.
B. O. L.	1	1	1
B. A. (Hons.) and B. Sc. (Hons.) Preliminary	106	86	
B. Sc. (Hons.) Subsidiary in Mathematics and Chemistry.	12	8	
„ in Physics	6	5	
„ Chemistry	8	8	
„ Zoology	2	2	
B. A. (Hons.) Degree:			
Br. ii. History and Politics	7	7	7
iii. Economics	35	35	35
iv. English language and Literature	3	2	2+1 recommended for B. A. Pass Degree
v. Sanskrit Language and Literature	3	3	3
vi. Tamil Language and Literature	10	10	10
B. Sc. (Hons.) Degree:			
Br. i. Mathematics	6	5	5
ii. Physics	12	11	11
iii. Chemistry	10	10	10
v. Zoology	6	6	6
Entrance Test to Pulavar Course	46	37	
Pulavar Preliminary 8-C	13	12	

Examination.	No. Examined	No. Passed.	No. qualified for Degree or Titles.
„ Final. 8-C	16	14	14
Vidvan Prelminary 8-A	1	1	
P. O. L.	3	1	1
Siromani Preliminary	1	1	
„ Final.	1	1	1
Tamil Music Certificate Examination	2	1	1
Sangita Bushana Preliminary.	14	8	
Sangita Bushana Final.	14	13	13
Inter. Engineering Part I.	126	69	
„ Part II	115	78	
B. E. Degree Part I.			
(Civil)	71	49	
(Mech.)	16	13	
(Elect.)	20	15	
B. E. Degree Part II			
(Civil)	60	52	52
(Mech.)	21	21	21
(Elect.)	9	7	7
Inter. Engg.			
Part I. (Chem.)	36	20	
„ II. (Chem.)	38	25	
B. E. Degree.			
Part 1. (Chem)	26	24	
„ II. (Chem)	23	21	21

36. *Exemption from attendance*:— Cases of students who were unable to produce the prescribed certificates of attendance at lectures, residence and physical training were examined and decided by the Vice-Chancellor or the Syndicate according to Rules.

37. The Syndicate expressed the opinion that it was not in favour of the proposal of the Education Department of the Government of Madras to recognise Mechanical or Electrical Engineering in lieu of one of the subjects viz. Mathematics, Physics, and Chemistry under part III of Intermediate Examination now recognised for purposes of admission to the Engineering course.

38. *Malpractices at Examinations*:- One candidate was reported to have had recourse to unfair means while answering his papers at the examinations held in September 1952 and the Syndicate debarred him from appearance at examinations for one year.

VIII. Convocation

39. The Twenty-second Annual Convocation of the University was held on Friday, the 14th November 1952. Shri Sri Prakasa, Governor of Madras and Chancellor of the University presided and delivered the Address to Graduates.

The number of candidates admitted to the several degrees and titles at the Annual Convocation was as follows:—

	In Person.	*In Absentia.*	*Total.*
M. Sc.	3	2	5
M. A.	11	29	40
B. A. (Hons.)	21	35	56
B. A.	10	12	22
B.Sc. (Hons.)	12	23	35
B.Sc.	17	10	27
Vidwan.	---	1	1
Pulavar.	6	9	15
Siromani.	1	--	1
Sangita Bhushana.	5	2	7
B. E.	16	41	57
B. E. (Chem.)	4	15	19

40 IX. Research and Publications.

Name of research worker	Subject.	Where published.
	ENGLISH	
Sri C. R. Mylera	"Some Dravidian Loan-words in English"	"Tamil Culture" Tuticorin
do	"George Bernard Shaw"	"Tamil Pozhil" Karanthai Tamil Sangam, Tanjore.
	PHILOSOPHY	
Sri R. Ramanujachari	Studies in Padmapada's Pancapadika	
	Grace and Election in Indian Thought	Indian Philosophical congress
Sri D. I. Jesudoss	The Political Philosophy of Tiruvalluvar	Indian Philosophical Congress
Sri C. Ramalingam	The Philosophy of Ramalingaswamigal	do
	ECONOMICS	
Sri V. G. Ramakrishna Ayyar	The Life and Times of Ativirarama Pandiya	Annamalai University Journal
	Handicrafts in National Economy	Commerce, Bombay Annual Review, 1952
	Outlines of Public Finance with special reference to India	To be published
	Rural Economics and Co-operation	do
	Economics of Currency, Banking, International Trade and Public-Finance (in Tamil)	Mss submitted
Sri A. Subbiah	The scope and method of Agricultural Economics	All India Agricultural Economics Conference
	MATHEMATICS	
Dr K. Rangaswamy Ayyar	On a Steiner's Quartic Surface	Ganita, Vol, II No 2, 1952
	On a Quartic curve associated with a Tetrahedron	Conference of Indian Mathematics Society, 1952

Name of research worker	Subject.	Where published.
Sri M. R. Parameswaran	Some converse theorems on summability	Indian Academy of Sciences. Vol. 36, Sec. A
	PHYSICS	
Sri R. K. Viswanathan	" Sakti "	Published
	Anuvil Thandavam	"
Sri S. Sriraman	Intermediate Practical Text book in Physics	"
	BOTANY	
Dr. T. C. N. Singh and Sri V. R. Rajagopalan	Osmotic concentration in relation to sterility in certain Angiospermic plants	Botaniska Notiser (Sweden)
do	Ammonia treatment of plant Sections to enhance differentiation and Permanency.	Stain Technology (New York)
Dr. T. C. N. Singh and Sri S. Kalyanasundaram	On the occurrence of tricompellary gynoecia in certain genera of the Rubiaceae.	Accepted for publication in Journal of Indian Botanical Society.
Sri C. Lakshmanan	Observation on the Terotology of Plants I	Accepted for publication in A. U. J.
Dr. T. C. N. Singh and Sri N. S. Subba Rao	Further Studies on the occurrence of bacteria in the stems and leaves of plants (Regional) III	Communicated to:- Indian Science Congress
Dr. T. C. N. Singh and Miss Padmini Devi	Studies in the leaf form and venation of vascular plants-I (Apocynaceae)	do
Dr. T. C. N. Singh and Miss Stella Ponniah	on the effect of sound on protoplasmic steaming in the cells of Hydrilla Verticillata Prest	do
Sri K. R. Venkatesan	On the male flower of Croton sparsiflorus Morong	do

Name of research worker	Subject.	Where published
Dr. T. C. N. Singh	On the effect of second transplantation on earliness and yield of chilly. (Capsicum annuum L) Crop	Communicated to Bihar Academy of Agricultural Science.
Dr. T. C. N. Singh and Sri N. S: Subba Rao	On the occurrence of bacteria in Bryophytes Pteridophytes and Gymnosperms	Communicated to Current Science
Dr. T. C. N. Singh	On the biological eradication of Kans	Communicated to Kisan Shetkari
	ZOOLOGY	
Sri T. S. Balasubramanyam	Embryology of Ariophanta bistialis. Development of external form	Annamalai University Journal, XVII 1952
do	Differentiation of mesoderm in Ariophanta	do. XVIII
Sri R. Natarajan	Chromosomes of Cacopus systoma	Indian Science Congress, 1953
Sri K. Rangarajan and A. G. Sathyanesan	Hermaphroditism in Cirrhina	do. 1953
Mr. Joseph Jacob	Chromosomes of Melaniidae	do
	AGRICULTURE	
Dr. S. Krishnamurthi	Agriculture in the Annamalai University	Dr. R. K Shanmukham Chettiar 61st Birthday Commemoration Volume
	Hill Fruits of the Nilgiris	Horiticultural and Economic plants of Nilgiris (Awaiting Publication)
	The Kookal Orange	do do
	Medicinal plants for the Nilgiri Hills	do do
	TAMIL	
Dr. A. Chidambaranatha Chettiar	தமிழ் உரை நடையின் மறுமலர்ச்சி	Tamil Nadu - Deepavali-Malar
	தமிழ் நாட்டின் மாபெரும் தலைவர்	Dr. R. K. Shanmukham Chettiar Commemoration Volume

Name of research worker	Subject.	Where pubiished
Panditha Vidvan L.P Kr. Ramanathan Chet iar	தமிழிசை வளர்த்த தனிப் பெருந்தகையார்	Dr. R. K. Shanmukham Chettiar eommemoration Volume.
Sri. E. S. Varadaraja Iyer.	செம்மையின் ஆனை	Sen Tamil, Madura
	The Kurinji Girl The Marutam Girl	Annamalai Uni. Journal do
Sri K. Minakshisundaram	பாரதி கவிதை பரணி	Kalki
	SANSKRIT	
Dr. C. S. Venkateswaran	2 Articles on Samhitas and Brahmanas	Contribution to Tamil Encyclopaedia
Sri K: Srinivasachariar	A critical review in Sanskrit on the three extant commentaries of the Adhikaranasaravali of Vedanta Desika	Annamalai University Journal

41. *Research Studentships:*

The Syndicate, on the recommendation of the Board of studies concerned, awarded the following research studentships during the year and the research students were assigned to the Heads of Departments of study relating to the respective subjects of research as detailed below:

Name.	Subject.
1. V. Venkatasubramanian	Wealth and Welfare of South Arcot District.
2. T. Rangarajan	Studies in Sulphones and Sulphoxides
3. D. Subramanian	A Study of response of some Indian Vegetables to the application of certain Chemicals including plant growth regulators

	Name	Subject.
4.	T. A. Chocklingam	Similies in Tamil Literature
5.	K. R. S. Rajaraman	Kambar and Sangam Literature
6.	S. Thirunavukkarasu	Kambaramayanam
7.	P. F. Davis	The System of Government as depicted in the Arthasastra of Kautilya
8	R. Sethuraman	Studies in liquid–liquid extraction with special reference to isolation of more unsaturated Constituents in Vegetable oils

The following Research Students completed the work undertaken by them.

1.	R. Subramanian	Co-operative Banking in South India
2.	M. Elayaperumal	Desikavinayakam Pillai's Works
3.	S. Srinivasan	Kingship during the Vedic period.

42. *Post-Graduate Research Scholarships*:- In addition to the six Junior Research Scholarships of the value of Rs. 100/- p. m. sanctioned by the Government of India, the Government of India sanctioned during 1951-52 one Senior Research Scholarship of the value of Rs 200/- and four Junior Research Scholarships.

The following is the statement of holders of research scholarships sanctioned by the Government of India.

Junior Research Scholars.

Name of Scholar.	Problem of Research	Period.	Director of Research
1. Sri M. S. Ramanujam	Theory of Divergent Series.	3 Years	Dr. V. Ganapati Ayyar
2 Miss A. A. Aleykutti	Preparation of some Phenolic Sulphones by the Frie's Reaction.	,,	Dr. V. Baliah.
3. Sri V. Raghavan	Germination of Seeds	,,	Dr. T. C. N. Singh

Senior Research Scholar.

4. Sri K. Ramamurti	Embryological and Cytological studies of some Molluscs.	,,	Sri R. V. Seshaiya.

43. *Tamil Research Department:* Sri G. Subramania Pillai was appointed to officiate as Professor and Head of the Department of Tamil Research for 2 years in the first instance.

The Syndicate sanctioned (a) the scheme submitted by the Professor of Tamil Research for publication of an authoritative and critical edition of Kamba Ramayanam in twelve volumes at an estimated cost of Rs. 85,000/- to be met from the funds available under the Tiruppanandal Endowment Scheme; and (b) the publication of the Thirumurais in three stages (i) History of the Thirumurais (ii) Anthology of the Thirumurais and (iii) Individual Thirumurais.

44 *Council of Post-graduate Studies and Research.* A Post-graduate Council consisting of the Heads of Departments and the Deputy to the Vice-Chancellor

was constituted to formulate schemes of research and co-ordinate the activities of the various schools of Post-graduate study and research in the University.

The Syndicate approved the recommendations of the Council of Post–graduate studies at its meeting held on 5—9—1952 regarding schemes of research to be undertaken by the several schools of Post-graduate study and research.

X. Publications.

45. Sri J. M. Somasundaram Pillai B. A., B. L. continued to be the Manager in charge of publications of the University.

46. (a) The following books were published during the year:—

1. Selections from Orme Manuscripts edited by late Prof. C. S. Srinivasachariar.

2. Manual of Science, Volume II, by Prof. T. P. Navanithakrishna.

3. A Text-book in Tamil on 'Intermediate Practical Physics' by Sri S. Sriraman.

4. Siva Siddhanta Theory of Knowledge (Ph. D. Thesis) by Dr. V. Ponniah.

5. Lectures on Patanjali Mahabhashya, Vol. II, by Dr. P. S. Subrahmanya Sastri.

6. Tamil Varalaru (Reprint), by Mahavidvan R. Raghava Ayyangar.

7. A History of the Pearl Fishery of the Tamil Coast, by Sri S. Arunachalam.

8. Endowment Lectures on Saiva Siddhanta by Sri R. Ramanujachari (Published in the University Journal).

(b) The following books are in the Press:—

1. அளவை நூல் by Sri S. Sivapadasundaram.

Tiruppanandal Publication

2. Sivagnanabodham, Edited by Vidvan A. S Duraiswami Pillai.

3 Tevara Tirumurai, Part II, Edited by Vidvan K. Vellaivaranan.

4. Tiruppugazh Songs, Ed. by Sri Chittoor Subramanya Pillai.

5. Mediaeval Kerala, by Sri P. K. Sriviraraya Raja.

6 Bharatha Sangraham, Ed by Vidvan K. Vellaivaranan.

7. Gnanamirtham, Ed. by Vidvan A. S. Duraiswami Pillai.

8. Isai Tamil Series, Vol. II (Reprint),

9. A History of Kongu Nadu by Rao Bahadur C. M. Ramachandran Chettiar, B. A., B. L., F. R. G. S.

(c) The manuscripts of the following books were received:-

1. Translation of Kautaliyam, Porul Nool (பொருள் நூல்) by Mahamahopadhyaya Panditamani M. Kadiresa Chettiar.

2. World History, 'in Tamil,' (three Volumes) by Sri D. Balasubrahmanyan.

47. A reduction of 25% in the sale price of the University Publications was offered to those purchasing copies direct from the University as in the case of authorized agents for the sale of University Publications.

48. *Research Journal*: Sir R. Ramanujachariar continued to be the Editor of the University Research Journal. One annual issue of the Journal was published.

49. *University Magazine*: Sri A. C. Subrahmanyan, Associate Professor of English, was the Editor of the University Magazine for the year 1951-52. Dr. S. Krishnamurti, Professor of Agriculture, was appointed Editor for the year 1952-53. One issue of the Magazine was published in March, 1952.

50. *Grants-in-aid of publications*:- The Syndicate sanctioned the following grants-in-aid of publications:—

(1) A grant of Rs. 400/- towards the printing of the Union Catalogue of periodical publications in the important Libraries of South Asia.

(2) A grant of Rs. 1,000/- towards the publication of a Tamil book entitled Tirukkural Colladaivu, by Sri T. S. Velayudam Pillai.

3. A grant of Rs. 1,500/- to Sri C. K. Subramanya Mudaliar, towards the publication of the 7th Volume of an elaborate commentary on modern lines on Saint Sekkilar's Periapuranam.

XI. Lectures.

51. *Special Lectures:*— The following Special Lectures were delivered during the year:—

Name.	No. of Lectures	Topic
Rev. J. R. Macphail	3	Morals of Shakespeare's Plays.
Sri V. R. Ramachandra Dikshitar.	3	1. Republican States, 2. Monarchical States, 3. Rise aud Fall of the Nandas.
Dr. R. N. Poduval.	3	Recent trends in Federal Finance.
Dr. C. S. Venkateswaran	3	Light scattering (2) Lectures. Raman Effect.
Dr. K. N. Menon	3	The Structure of Cinchonamine and Quinamine. Some recent applications of the Stobbe Condensation. Synthesis of Cyclic Polyolefines.

Name.	No. of Lectures.	Topic.
Dr. B. R. Seshachar	3	The nucleic acids of the animal cell.
		The nucleic acids of Micro-organisms.
		The role of the nucleic acids.
Sri P. Alalasundaram	3	The contribution of Western Scholars to Tamil Literature and the illustration of devotional hymns by Ellis.
		Ellis and Religious philosophy.
		The profound scholarship of Ellis in Tamil Literature.

During the year the following persons were invited to deliver courses of lectures on special topics of their choice for the benefit of Honours students and research workers. The lectures will be delivered during February-March 1953.

Name.	No. of Lectures.	Subject.
Sri K. Swaminathan	3	(English)
Sri B. M. Lakshmipathy	3	(Agriculture)

Name	No. of Lectures.	Subject.
Sri K. K. Pillai	3	Social History of the Early Tamils.
Dr. T. S. Sadasivan	3	Recent advance in Plant Pathology.
Dr. B. Natarajan	3	(Economics)
Dr. B. B. Dey	3	Chemistry and Manufacture of Glandular Products.
Dr. T. M. P. Mahadevan	3	(Philosophy)
Sri S. Ramaswami Naidu	3	(Tamil)
Dr. F. R. Coales	3	(Engineering)
Sri N. Raghunatha Ayyar	3	(Sanskrit).

52. *Endowment Lectures*: Sir S. Satchidanandam Pillai, B. A., L. T., formerly Registrar of the University, delivered three lectures on Saiva Siddhanta at the Benares Hindu University and one at the Allahabad University, under the Arulnandi Sivacharya Swamigal Sivagnana Siddhiar Memorial Endowment.

53. *Extension Lectures:* The Heads of Departments of Studies arranged for extension lectures by members of their staff in their respective Departments as usual.

XII. OTHER MATTERS OF ACADEMIC IMPORTANCE.

54. In place of the University Union, the Vice-Chancellor sanctioned the formation of a General Council of Associations with the object of co-ordinating the activities of the students in the several departments of study in matters of common interest. A sum of Rs. 250/- was sanctioned from the General Funds of the University towards the expenses of the General Council.

55. *Congresses and Conferences:-* The following teachers of the University were deputed to attend the Conferences noted below:

1. Agricultural Information Conference, Lucknow.	Dr. S. Krishnamurti.
2. Sanskrit Visvaparishad, Benares.	Dr. C. S. Venkateswaran.
3. All-India Educational Conference, Nagpur.	Sri M. S. Duraiswami.
4. All-India Educational Conference, Physical Education Section, Nagpur.	Sri C. Ayyaru.
5. The Indian Science Congress, Lucknow.	Sri R. K. Viswanathan.
6. do	Dr. V. Baliah.

7. The Indian Science Gongress, Lucknow.	Sri T. S. Balasubramanyan.
8. Symposium on Building, Design and Construction, New Delhi.	Sri G. S. Ramaswami.
9. All-India Agricultural Economic Conference	Sri A. Subbiah.
10. Inter-University Sports Board, New Delhi.	Sri L. K. Govindarajulu.
11. Indian Historical Records Commission (Revised Constitution)	Sri R. Sathianathaier.

56 *Deputation.* (1) Sri T. D. Meenakchisundaram, Deputy Registrar, was deputed to undergo the Refresher course in the compilation of Educational Statistics conducted by the Education Department, Madras, in May 1952.

(2) Dr. K. Rangaswami Ayyar, Associate Professor of Mathematics, was deputed to undergo a course of training in Statistics at Calcutta during the summer vacation of 1952.

57 *Prizes, Medals and Scholarships*: Prizes, medals and scholarships were awarded on the results of University examinations of the year 1952. A statement is printed in Appendix G.

58. *Tiruppanandal Mutt Endowments*: The following persons were awarded the prizes mentioned below.

Name of candidate.	*Name of prize.*
1. Parasuraman P.	Sekkilar Nayanar Prize
2. Somasundaram S.	Adikumarakuruparar Memorial Tamil Prize.
3 Arangarasan A.	Kambar Memorial Tamil Prize.
4. Sundaramoorthy K.	Tiruvalluvar Neethi Nool Prize.
5. Venkatachalam P.	Manicka Vasaka Swamigal Ahapporul Prize.
6. Ramamirtham C.	Sivakolundu Desigar Tiruvachakam Prize.
7. Chellaiya K.	Adikumara Kurupara Swamigal Tamil Prosody Prize.
8. Rathnasabapathy V.	Meikandar Memorial Saiva Siddhanta Sastra Prize.
9. Sivasubramaniyam V.	Kumarakuruparar Saiva Siddhanta Sastra Prize.

59. *Founder's Day*: The Twenty-third Founder's Day was celebrated on the 14th October, 1952. Dr. P. Subbarayan, M. A., D. C. L., Bar-at-Law, President, Tamil Nad Congress Committee, delivered the Commemoration Address.

60. *Inter-University Board*: The Vice-Chancellor and the Deputy Vice-Chancellor attended the Conference of Vice-Chancellors and representatives of Universities in India held in Madras on the 6th and 7th September 1952 to consider the draft Universities (Regulation of Standards) Bill, 1951 circulated by the Ministry of Education to Universities and State Governments for their views, together with the replies received from the Universities by the Board The Syndicate agreed with the following resolution of the special conference.

"The Conference after careful consideration of the draft Bill forwarded by the Government of India and after hearing the representative of the Government of India in the Ministry of Education came to the unanimous conclusion that the Government of India should be requested to withdraw the Bill".

61. *Visual Education*: This was organized by a Committee with Sri R. V. Seshaiya as Convener. There were weekly shows of educational and topical films which continued to attract largeaudience of students and members of the Staff.

62. *Raja Sir Annamalai Chettiar Statue Committee:* A sum of Rs. 5,918—4—8 was collected during the year, bringing the total to Rs. 23,847—0—8.

63 *National Cadet Corps*:

Officers: Capt. C. P. A. Menon and Capt. B. K. Metha succeeded Capt. M. L. Kunthe and Capt. M. P Achuthan Nair as Officers Commanding the Infantry and Signals units respectively of the N. C. C.

The activities of the N. C. C. units for the year commenced with the celebration of the Republic Day on the 26th January 1952 when the cadets took part at the ceremonial parade. Five of the cadets were deputed to take part in the N. C. C. contingent which celebrated the Republic Day at Delhi. The N. C. C. Day was celebrated on 3—3—1952 when numerous competitions were held. The cadets took part in the Sports Rally at Madras in February. Three Officers were deputed for refresher training with the Army Units in Jammu and Kashmir.

Normal training with regular parade was given. A new feature of this year's training was the Field Day of the Signals unit when the whole company left in two parties in different directions and one party staged an attack on the other. This provided lenty of opportunities for cadets to make use of all the lessons taught in fieldcraft, section and platoon leading.

A Cadre Camp of 15 days for 39 cadets of the Infantry and 15 cadets of the Signals Sections was arranged. The Military Officers who visited the cadets at training praised their work in camp.

The Annual Camp of the Units was held in December from 12—12—52 when the cadets took an intensive training.

Social Service was a new feature of the Camp this year and the Cadets of the Signals unit spent a day in laying a road, cleaning a cheri etc., in the

nearby villages, learning and demonstrating to everyone the dignity of labour.

Visits. Major A. P. Kanthy, of the NCC Directorate. New Delhi, Major K. V. Sankunny Nayar Offg. Circle Comd. and Major R.T. Patel, Comd. Madras, Area Signal Regt. visited the Infantary and the Signals units at training in cadre camps on the 23rd and 24th September and 2nd October respectively, and expressed high appreciation of the discipline and keenness of the cadets.

XIII Lands and Buildings.

64. *Buildings :-*

The following works were completed.

1. Parents' Lodge.
2. Temporary Hostel Block.
3. Repairs to Vice-Chancellor's Lodge.
4. Bakery.
5. Remodelling quarters near Guest House.
6. Battery Room.
7. Two Garages.

The following works are in progress:-

1. Additional Guest Quarters
2. New hostel for Engineering Students and extension to Travancore Hostel.
3. Engineering College, III Stage.
4. Hydraulic Laboratory.

65 *Drainage*:- The first three stages of the scheme were completed. The sinking of wells in the main and sub pumping stations (IV stage) was nearing completion. Laying sewers (V stage) to the west area of the Campus was in progress.

The contracts for the construction of the building for Main pumping station and laying of pumping mains were concluded.

The supply and the erection of pumping machinery were entrusted to M/s Best and Company.

66. *Electricity*:- Besides other minor installations and repairs, the electrification of new buildings was completed.

67. *Gardens*: The University Gardens continue to suffer from inadequate supply of water. Proposals for improvement were under consideration.

The lawn behind the Arts Block was relaid. Two small garden sections were added to the Guest House on the eastern side. In the Sastri Hall Garden annual flower beds were increased and intensified leading to an attractive display of colour. varieties of shrubs, and ornamental trees were added for enhancing the attractiveness of the gardens.

68. *Lands*: With the necessary sanction of the Government. 163.66 acres were cultivated on varam basis and 2128 Kalams of paddy were realised.

XIV Accounts.

69. The Accounts of the University for the year 1951–52 prepared under Section 26 of the Act and audited by the Examiner of Local Fund Accounts, Madras, and the Audit Report with replies on the accounts of the year are printed as Appendix H. The general result, was found to be satisfactory. The accounts for the year 1951–52 were compiled separately for Arts, Science, Oriental, Engineering and Technology as directed by the Syndicate at its meeting held on 17-9-52.

The receipts under General Fund during the year ending 31—3—52 amounted to Rs. 15,16,154—5—8, and including the opening balance of Rs. 50,000—0—0 the total amounted to Rs. 15,66,154—5—8. The total expenditure for the year amounted to Rs. 15,16,154–5–8, thus leaving a balance of Rs. 50,000—0—0 as required by the rules. A sum of Rs. 58,153—2—10 was transfered to the P. E. F. and Rs. 6,212—13—10 to the Reserve fund.

As in the previous years contributions amounting to Rs. 5,105—11—9 were paid to the Associations & bodies noted below:

1.	Inter-University Board.	Rs. 1250—0—0
2.	Association of the Universities of the British Commonwealth.	,, 535–11—9
3.	Indian Library Association.	,, 400—0—0
4.	N. C. C Amenities Grant.	,, 1,600—0—0
5.	,, Camp Allowance.	,, 1,070—0—0
6.	General Council of Associations.	,, 250—0—0
	Total	Rs. 5105–11—9

As in the previous year, an application was made to State Government for provision of Funds in the Budget for 1953—54 towards the scheme of construction of buildings for the Tamil Research Institute sanctioned so early as in 1942, but they stated they were unable to make any provision in the Budget.

Applications were also made to them for sanction of grants for the construction of Staff Quarters and improvements to Physical Education Department but the Government declined our request on account of financial stringency. Our request for sanction of recurring and non-recurring grants for the Agricultural course was renewed during the year, and orders of the Government are awaited.

During the year the Government were pleased to sanction the following recurring and non-recurring grants towards schemes noted below:

	Recurring	Non-recurring
1. Running of the Biological Station, Portonovo.	Nil	Rs. 10,000 (G.O. 2079 dated 5—9—52
2. Starting of a course in Geology	Rs. 10,000	75,000 (G. O. 2089 dated 6—9—52)

Towards the scheme of improvements to Water Supply sanctioned by the Syndicate at its meeting held on 11—9—52 at a cost of Rs. 1.5 lakhs, the

State Government were approached for sanction of financial assistance and orders of the Government are awaited

For the year 1951–52 our expenditure on the Drainage Scheme was Rs. 1,82,199/- and the State Government sanctioned Rs. 89,350 on half - grant basis disallowing our claim for grant on expenditure incurred on centage charges of Rs. 3,500 paid to the Chief Engineer, Government of Madras

During the year the Central Government, on the recommendations of the All India Council of Technical Education, sanctioned the following grants to the Engineering College of the University towards schemes of the development plans for the College.

Capital Grant:

1.	Buildings	3.33 lakhs.
2.	Equipment	7.33 „

Recurring grants. An amount equal to the net deficit over normal receipts subject to a maximum of Rs. 1.28 lakhs.

They also sanctioned an interest–free loan of Rs. 2.64 lakhs towards a scheme of constructing hostels for Engineering students repayable in 33 instalments.

Towards the scheme of running a Biological Station at Portonovo, they sanctioned a non - recurring grant of Rs. 20,000/- in their letter M. F. 19-2/51—T3 dated 20—3—1952 for purchase of equipment.

They were also approached for grants for the following schemes.

1. Opening of an Ore-dressing Laboratory.
2. Providing necessary facilities for the N. C. C.
3. A development programme for the University under the Five year plan.

XV Departments of studies

70. Extracts from the reports of the Heads of Departments of study on the work of their departments are given in Appendix A.

A statement showing the strength of the staff and the students in the several departments of study is given in Appendices I & J.

Appendix A.

(DEPARTMENTAL REPORTS)

ENGLISH

Staff:— The strength of the teaching section of the Staff in 1952 was the same as in 1951. Three Tutors' places fell vacant at the beginning of the academic year, when Sri K. S. Venkatarama Aiyar, retired. Messrs S. Rozario and S. Abdur Subhan found employment elsewhere. In August, Sri S. Rajaraman a graduate of this University was appointed to one of the tutorships; and Messrs N. R. Seshadri and I. Arokiam were appointed to the remaining posts on October 31st and November 10th respectively. Till these appointments were made, the increasing composition work put a severe strain on the rest of the Staff.

Research:- Sri C. R. Myleru was at work on his thesis for the Ph. D. degree, "The One Act Play".

Special Lectures: Professor J. R. Macphail, Madras Christian College, delivered three lectures on "Shakespeare's Morality" on the 14th and the 16th of February.

Students.– A system of tutorial supervision and guidance was arranged for the students of the English Honours (Br. IV) classes and a senior member of the Staff was put in charge of each class.

The practice of arranging for planned and guided reading in the 'library' sessions of the III Hons (Br. IV) class was continued.

For the benefit of the staff and advanced students, current numbers of the journals and periodicals that were useful to them were kept in the departmental reading room.

Extra curricular Activities: In the first half of the year Sri A. C Subrahmanyan, Associate Professor of English, was Vice-President of the English Association and Sri V. Satchidanandam was Vice-President of the Club. Since July Sri C. R. Myleru has been Vice-President of the former body and Sri G. Venkatanna, Vice-President of the latter. The Club celebrated the Chopin Day in November with the help of gramophone records kindly lent by the American Information Service, Madras. Under the guidance of Sri Myleru, the Association expanded its activities and developed new interests. It conducted symposia on popular subjects and organized 'Quiz' programmes, variety shows and amateur theatricals. It also started a MS magazine. Above all, it tried an interesting experiment by holding an English Festival with success.

PHILOSOPHY

Staff:— Sri A. Oliver, M A., was appointed lecturer in the place newly sanctioned.

Teaching:— Tutorial work was arranged for the students of the B. A., Pass and B. A. (Hons) classes. Demonstration experiments in Psychology were conducted from time to time to give an experimental bias to the teaching of Psychology. A Psychology Exhibition was arranged.

Library:— The Seminar library was in the charge of Sri D. I. Jesudoss. Current periodicals were made available to the students of the Honours Classes.

Research: Sri R. Ramanujachari was working on the *Philosophy of Visishtadvaita Vedanta.* Sri D. I. Jesudoss who was registered for the Ph. D. Degree was working on "*The Nalvar—The Four Great Saiva Saints*". Sri C. Ramalingam was registered for the M. Litt. Degree and he was working on the *Philosophy of Tiruvalluvar.* Sri. John C. Plott, M. A., an American student, registered for the Ph. D. Degree at the Benares Hindu University was working here on *Vaishnava Philosophy.* For papers contributed to conferences, please see section "*Research and Publications*"

Conferences:— Sri R. Ramanujachari attended the Indian Philosophical Congress at Mysore in the last week of December 1952, and he was invited to participate in a Symposium at the next session. A party of students of the Honours classes also attended the Philosophical Congress.

HISTORY & POLITICS.

Staff: Miss S. Thomas, Tutor in History, left the University in June and the Tutorship was merged with the additional Lectureship in Economics. Consequently the Syndicate directed that six hours of work (per week) in the Department of History should be done by the Department of Economics. The Professor of History was reappointed to the Regional(Madras State)Committee

for Survey of Historical Records for three years and to the Historical Records Commission and its Research and Publications Committee for five years.

Teaching: The Senior Intermediate class worked in two batches for World History and Politics. Greater attention was bestowed on map study. Tutorial instruction was given to Honours students.

Research: In accordance with the agreement of the University with the Union Government to co-operate to the extent possible in the implementation of their Five-year scheme of publication of records, the University published *Selections from the Orme Manuscripts* edited with notes by the late Dewan Bahadur C. S. Srinivasachariar and with a Preface and an Introduction by the Professor of History, who also directed the researches of his students and assisted the Editor of the *Journal of Indian History*. Sri A. Krishnaswami made good progress in writing *A History of Indian Administration from A. D. 1600* in Tamil. The publication of Sri P. K. Sriviraraya Raja's *Mediaeval Kerala* was nearing completion. Sri D. Balasubramanian translated into Tamil *A Political and Cultural History of India Vol I*, by the Professor of History. Sri S. Tirugnanasambandam started work on the Gold-roofed Temples of the Tamil Country.

Extra - Curricular Activities: The History and Politics Society organised lectures, debates and symposia.

ECONOMICS

Staff: During the year under report, Sri. V. G. Ramakrishna Aiyar, was reappointed Professor of Economics. Sri. M. Balasubramanian was appointed Lecturer in Economics.

Teaching: The seminar work of the Honours classes was continued and the students were required to read essays on prescribed topics and discuss them in the classes.

Dr. R. N. Poduval, Professor of Economics, Presidency College. Madras, delivered a course of three special lectures on "Federal Finance."

Research: Sri R. Subramanian's thesis on "Co-operative Banking in South India," was nearing completion. Sri V. Venkatasubramanyan was awarded a stipend by the University authorities from October 1952. Miss K. S. Godavari Bai, M. A., was permitted to register as a research scholar for M. Litt. on the subject of "Evolution of Central Banking in India." The research students were working under the supervision of Sri. V. G. Ramakrishna Aiyar. Extension lectures were organised by the members of the staff and Sri. A. Ramaswami delivered an extension lecture on "Full Employment."

Extra-Curricular Activities: Sri A. Subbiah, Lecturer in Economics, was deputed to attend the All-India Agricultural Economics Conference as a University delegate.

The Economics Association did good work. Papers were read and discussed at its periodical meetings and symposia were conducted. An excursion to Bangalore-Mysore, was arranged under the leadership of Sri. A Ramaswami.

PHYSICAL EDUCATION.

Staff: There were no changes in the staff during the year under review

Games Advisory Committee: The following were members of the Games Advisory Committee during the year 1951—52:

1. Dr. A. Chidambaranatha Chettiar,
2. Dr. V. Baliah, Warden Arts & Science Hostels,
3. Sri. S. S. Bhatia, Warden, Engineering and Technology Hostels,
4. Lt. G. Gopalakrishnan, N. C. C.,
5. Sri G. S. Ramaswamy,
6. Sri R. V. Seshaiya,
7. Sri. K. S. Ramamurthy,
8. Sri R. Ramanujachariar,
9. Dr. S. Krishnamurthy,
10. Sry. V. P. Kumuthavalli Ammal, Warden, Women Students' Hostel.

The Vice-Chancellor is Ex-Officio President and the Professor and Director of Physical Education, Ex-Officio Secretary.

Compulsory Physical Training and Major Games: Physical Training and Major Games activities went on as usual. Special classes for resident students needing individual attention or corrective exercises were organized for the I and II year classes.

Coaching: The coaching in various games was done by the members of the staff, the Professor and Director of Physical Education taking the major share in this special field using visual aids. A Filmstrip Projector acquired in this connection proved a valuable aid; and slides prepared specially by the Professor and Director of Physical Education on fundamentals of various games and athletics were shown.

Health Instruction: Theoretical instruction in Health and Hygiene was imparted to I and III year classes of the Arts, Science and Oriental Sections.

Physical and Medical Examinations: As a part of the Annual Medical Examination of the students, the students of the Senior and Junior Intermediate classes were examined for Postural Variations and their Physical Measurements recorded. Students with postural defects were given suitable corrective exercises.

Conferences and Committees: The Professor and Director served as a member of the Reception Committee of the XV National Games held in February 1952. at Madras, as a representative of the University.

He served on a Special Committee constituted by the Inter - University Sports Board held at Trivandrum in March, 1952. He attended the twelfth Annual Meeting of the Inter-University Sports Board at Delhi on 15th April 1952. Our University conducted the South Zone Sections of the Inter-University Tournaments in Volleyball and Tennis.

He represented the University at the Sixth International Conference of Social Work at Madras in December, 1952.

He was invited to be a member of the Special Committee of the Madras State Physical Education Association, and to be the Chairman of the Physical Education Section at the Madras State Physical Education Conference to be held in March, 1953, at Madras.

Sri C. Aiyaru, Lecturer in Physical Education, was deputed to attend the XXVII All India Educational Conference, Nagpur as a delegate of the University.

Health and Physical Education Society: A Health and Physical Education Society was formed and the Inaugural Address of the Society was delivered by Dr. R. S. Agarwal, a well known eye specialist of Delhi, on the 23rd August, 1952.

External Matches and Tournaments: The Inter-University Volleyball Tournament, South Zone, 1952-53, was conducted by us in November, 1952, our team coming out sucessful in the Zone. We lost to the Punjab University in the Finals at Amritsar. Our Hockey team participated in the Inter-University Hockey Tournament.

The University Team in Cricket played the Madras University in the first round of the Inter-University Cricket Tournament during the last week of December, 1952.

In the External Cricket Tournament for the Rajah of Chettinad Cup the University Team lost to the Pachaiyappa's College Team in the Semi—Finals. The Winners of the Trophy for the year were Loyola Elevens.

The University Badminton, Basketball and Volleyball Teams entered the Loyola College Annual Tournaments, for 195 . The Volleyball Team retained the Bertram Memorial Shield for the second year in succession.

The Football and Volleyball Teams went to Madras and played friendly matches during the Deepavali holidays.

Intramural-Tournaments and Annual Sports: As usual the Intramural Tournaments were conducted on class basis except in the case of women students. The Staff Club entered for all games in the Intramural Tournaments and showed great interst. The standard of skill shown by both men and women students was high. The III and IV year group of the Engineering and Technology students annexed the Group Championship winning six events out of fifteen.

The Annual Sports Meet was held in March, 1952, the Deputy to the Vice-Chancellor presiding. Four new University records were set up in 110 Metres

High Hurdles, in High Jump, in Pole Vault and in 4×100 Metres Relay. L. Loganathan and J. Victor tied for the Individual Championship

Dr. R. K. Shanmukham Chetty, Vice-Chancellor, presided over the annual function of the Athletic Association and distributed prizes to the winners.

MATHEMATICS

Staff: Mesrs. T. K. Guruswami, M. Venkataraman, K N. Viswanathan and K. S. Krishna Lecturers left the University. Mesrs. S. Rangachari, P. Bhaskaran and K. S. Padmanabhan were appointed Lecturers.

Students and Teaching: The Final year Honours students were given training in the use of Calculating machines in Statistical Calculations.

Sri M. R. Parameswaran, Govt of India Junior research scholar submitted his thesis for M. Sc. Degree.

Extra-Curricular activities: The Mathematics Association functioned as usual.

Extension Lectures: Dr. K Rangaswamy delivered a course of three lectures on Mathematical Statistics in August. 1952.

PHYSICS.

Staff: There was no change in the staff. During the absence on medical leave of Professor T. P. Navanitakrishna, Sri R. K. Viswanathan officiated.

Research: Mr. D. Venkatasubramanian, Government of India Research Scholar is continuing his work in "Field Strength Measurements in relation to Weather Phenomena"

Strength of Students:

Intermediate	....	420
B. Sc.	....	73
B. Sc. Hons.	....	37
Engg. and Technology	....	92
Sangeetha Bhushana	....	14
Total		636

Publications: Sri. R. K. Viswanathan's book on 'Sakti' in Tamil was awarded a prize of Rs. 500/- by the Government of Madras for being the best book published in Tamil on Science during the previous year.

Extra-curricular activities: The Physics Society was functioning from this year in two sections A and B. Section B functioned as the Honours Association with regular meetings devoted to advanced topics. Section A conducted a number of meetings devoted to popular science and special mention must be made of the enthusiasm of the members in the Tamil meetings.

The members of Physics Society went on an Educational tour to visit the Radio Broadcasting station at Tiruchirapalli and the Hydro-electric Station at Mettur Dam during the X-mas holidays.

CHEMISTRY.

Staff: Dr. C. V. Suryanarayana was appointed Associated Professor. Sri V. Thiruvenkatachari was reverted as demonstrator and Sri K. M. Somasuudaram was appointed lecturer. Sri R. Thyagarajan joined as demonstrator.

Research: The number of research students working in the department considerably increased during the year. The members of the staff paid greater attention to research. Investigations on piperidines, isoquinolines, Petrenko-Kritschenko reaction, Mannich reaction, Fries reaction, sulphones and organoselenium compounds were in progress.

Extra-curricular activities: The Chemical Society did good work as usual. The practice of having weekly seminars was continued.

BOTANY

Staff: Kumari Padmani Devi, B. Sc. (Hons), was appointed Lecturer and Kumari K. Mathew, Demonstrator.

Teaching: B Sc (Hons) students conducted field experiments. Besides, a Study Circle was organised and current scientific journals and magazines were made available to them.

Botanical Garden: Useful work continued to be done on the aquatic plants near the Fishery tanks of the University. Sri C. Lakshmanan submitted a

thesis entitled "Studies in the Aquatic Vegetation of South India (Annamalainagar) for the M. Sc. Degree. Sri C. Srinivasan was awarded the M Sc. Degree for his thesis on Morphological, Physiological and Cytological studies in Abrus.

Research Club: The Research Club discussed the work done by the research scholars and the members of the staff.

Herbarium and Museum: The Herbarium and Museum continued to expand satisfactorily.

I. Botanical Excursions: Field work and botanical excursions constituted a very important part of botanical study.

The following botanical excursions were organised and undertaken during the year under report.

1. Vandalur — Scrub Vegetation,
2. Ootacamund — Hill Vegetation,
3. Tirumaiyaladi — Semi scrub Vegetation,
4. Veeranum Tank — Hydrophytic and Helophytic Vegetation,
5. Porto Novo — Coastal and Sand Dune Vegetation,
6. Pichavaram — Halophytic and Mangrove Vegetation.

Botanical Society: Mr H. K. Ghosh, Officer-in-charge of the Lignite Scheme of Neyveli delivered an Address. A Botany Day was also observed when Sri A. Ramanatha Pillai, Deputy Vice-Chancellor presided.

ZOOLOGY

Staff: 1. Sri. S. Nagarajan B. Sc. (Hons) Demonstrator resigned and Sri N. Muthukumaraswamy B. Sc. (Hons) was appointed in his place.

2. Sri K. Ramamurth demonstrator was appointed Senior Research Scholar and in his place Sri. R. Natarajan was appointed.

Research: 1. Sri Joseph Jacob continued as the Government of India Junior Research Scholar. He has been working on the Cytology of the Melanidae.

2. The Government of India offered a Senior Research Scholarship and Sri K. Ramamurthy was appointed as the Senior Research Scholar.

3. The I. C. A. R. Scheme of Piscicultural Research was continued, and Dr. Govindan was in charge of the scheme with messrs A. G. Sathyanesan and K. Rangarajan as Research Assistants.

4. The Central Government gave a grant of Rs. 20,000 and the State Government a grant of Rs. 10,000 for equipping the Biological Station at Porto-novo. The station has been partly equipped and further equipment, chiefly for Hydrographical work is expected soon. Preliminary Hydrographical and faunistic survey has been in progress.

AGRICULTURE

Staff: Sri C. R. Muthukrishnan B. Sc. (Ag.,) was appointed Farm Superintendent and he joined duty in July '52.

Teaching: In addition to agriculture as a science optional for B. Sc. degree students, it was introduced as a science optional for the Intermediate Course in combination with Chemistry and Natural Science. Agriculture with Economics was also offered for the B. A. Degree.

An Agri-Horticultural museum was started, to collect exhibits mainly for the purpose of providing proper visual aids for teaching of agriculture. A variety of table models of modern agricultural implements, water-lifts, methods of preservation of manure, and scientific dairy management were secured. The students were taken to the Agricultural Research Stations at Aduthurai in Tanjore District and Palur, in South Arcot District. During the Christmas Holidays, they visited the Agricultural College and Research Institute, Coimbatore and made a thorough study of various aspects of cultivation on the College Farm, and research methods adopted in improvement of crops, and combating pests and diseases. They subsequently visited Mettuppalayam, Kallar and Burliar Fruit Stations, Coonoor and Ootacamund and while in these places, made a study of arecanut, coffee and tea plantations, hill fruits such as apples, pears, plums, mangoesteen, durian, avocado etc; and of ornamental and economic plants of the hills, potatoes and English vegetables, and methods to prevent soil erosion.

University Experimental Farm: The experimental farm consisted of nearly 62 acres with 50 acres for agricultural crops, 5 acres of vegetables, and 10 acres

of orchard. The orchard was in process of development during the year. Varieties of millets, pulses, fodders, fibres, green manures, oil seeds and vegetables were also grown.

In commercial and scientific growing of paddy, in 18 acres, it was successfully demonstrated how normally two crops of paddy, "kuruvai" and "thaladi" can be grown in the same piece of land. But, we were however faced with one of the most abnormal seasons.

The average yield of kuruvai paddy this year was 180% of the three-year average yield of samba crop of the University wet lands. One-variety - ADT 9 gave an average yield which was 221% of this three-year average. Besides, the total receipts from 18 acres of Kuruvai paddy harvested came to Rs. 7071/- and the actual cost of cultivation for this area worked out to Rs 2780/- leaving a net profit of Rs. 4291/- from an area of 18 acres, for a single crop of kuruvai.

Three strains of kuruvai paddy, 3 of samba and one of Thalhadi were under trial in the University Experimental Farm, during the year. The Madras Government Agricultural Departmet was supplied with improved seeds enough for a thousand acres.

Research: Besides the investigations mentioned under the University Experimental Farm above, agricultural research was given a fillip by admission of three post-graduate research students working in both agricultural and horticultural fields.

The following are the specific problems of study:-

1. Control of weeds by Chemicals 2. Responses of some South Indian vegetables to application of chemicals including plant growth regulators. 3. Propagation of some horticultural crops with the aid of plant growth regulators.	By Dr. S Krishnamurthi and the three research students K.M.Srinivasan D. Subramanian & C.N Sambandam.

Agricultural Extension: On the initiative of the University Department of Agriculture, the University sponsored a new scheme of agricultural extension not attempted by any University or agricultural College in India, in which 43 farmers from around the Annamalai University were under training in practical scientific agriculture on the lands of the University by parcelling out 4 acres on the average for each individual farmer who is to follow strictly improved methods advocated by the University Department of Agriculture, and to attend informal meetings and classes held by the Department to emphasise the fundamental ideas underlying the improved practices advocated.

Conferences:- The Head of the Department of Agriculture attended the All-India Agricultural Information Conference held at Lucknow to draft rules and regulations for a central organisation for dissemination of agricultural information.

Other activities: The Head of the Department was elected as Vice-President of the South Indian Horticultural Association and Associate Editor of South

Indian Journal of Horticulture. He was appointed by the Madras Government as a member of their Selection Committee for admission of post-graduate students to Indian Agricultural Research Institute, New Delhi.

Extra-curricular activities: The Agriculture Association was started for the first time during the year, and was inaugurated by Sri B. M. Lakshmipathy, Joint Director of Agriculture, Madras. The association was very active and its meetings were well attended.

TAMIL

Staff: Sri N. Ramalingam who was appointed temporarily as Tutor in 1951 was continued in service during the year. Sri K. Meenakshisundaram, M. A., Tutor, was temporarily promoted as Lecturer from 8-10-52 and in the consequential vacancy Sri S. Vaithilingam, B. A Hons., (I Class) was appointed as Tutor. Sri M. Shanmukam was on leave for reasons of health for 38 days from 24-10-52. In the consequential vacancy Sri S. Tirunavukarasu, B. A. Hons., was appointed Tutor.

Research: Sri M. Elayaperumal completed his work relating to the poetical works of Kavimani Desikavinayakam Pillai.

Extra-curricular Activities: Under the auspices of the Tamil Literary Association a public meeting was held with Dr R. K. Shanmukham Chettiar, the Vice-Chancellor presiding, when the portraits of late Maraimalai Atikal and Dr V. Swaminatha Aiyar were

unveiled. Besides, the Tamil Literary Association organised several lectures by distinguished scholars and students. The Tamil Honours Club and the Pulavar Manram held their weekly discussion meetings.

Tutorial instruction for the students of the Honours Classes, the Senior B. A. Class and the Pulavar (Final) Class was arranged for.

TAMIL RESEARCH

Staff: Sri G. Subramania Pillai was appinted Officiating Professor for 2 years and Sri T. K. Ramanuja Ayyangar was appointed Lecturer. In the new place of Tutor, created for the work in connechion with Kambaramayanam, Sri C. Tirumeni was appointed.

III. Research :—

The Tamil Research Department was reorganised and constituted as a separate Department of Study with the Professor as its Head. The publication of two monumental works Viz., (1) Kamba Ramayanam and (2) the History of the Twelve Thirumurais was undertaken during the year. A Five-year plan for bringing out a correct and up-to-date Variorum edition of Kamba Ramayanam was sanctioned by the Syndicate under the Thiruppanandal Endowment Scheme and a special staff of a Lecturer and a Tutor was appointed for the purpose. Eight sets of ancient manuscripts in palmleaves were studied and the readings taken. First two Kandams had been covered so far and hundreds of correct readings, unpublished yet were noted so far.

Sri K. Vellaivaranan was engaged in writing the History of the Thirumurais, under the guidance of the Research Professor.

Sri T. V. Sadasiva Pandarathar was writing the History of Tamil Literature covering the period of 13th, 14th and 15th centuries.

The Research Professor assisted by Ramanuja Iyengar was engaged in reading the palm leaves and Thirumeni and Ramanujachariar were writing to dictation the differences in readings.

The Research Student Rajaraman was working from 1-11-52. Another Student Alagiachokalingam who joined in November '52 left the University. Rajaraman had taken up the study of "Female Characters" in Kamba Ramayanam.

SANSKRIT

Teaching and Research; Sri. T. Venkatarama Dikshitar retired from service towards the end of June after having served the sanskrit teaching sections in the Sri Meenakshi College and the University for nearly 30 years. Sri. S Sreenivasan (Siromani) research Scholar, who was working on "Kingship during the Vedic period," completed his term of studentship in October. Sri P. F Davis (B. A. Hons) joined the department as a research scholar in November and has been working on the "System of Administration as depicted in the Arthasastra". Six students appeared for the All India Gita Samit Examination conducted by

the Banaras Hindu University in November (2 for grade B and 4 for grade C examination) All of them passed the above examination and B. Venkatasubrahmaniam (I U C) who came sixth in rank secured a prize also.

Dr. C. S. Venkateswaran represented the University at the second session of the Sanskrit Visva Parishad held at Banaras in November. Two articles on the Samhitas and Brahmanas were contributed by him to the Tamil Encyclopaedia. Sri K. Srinivasachariar of the department contributed to the University Journal a critical review in Sanskrit on the three extant commentaries. of the Adhikarana saravali of Vedanta Desika.

The Sanskrit Language and Literature society conducted the Gita and Valmiki Days under its auspices. Among those who addressed the society during the year were Swami Avinasha Ananda of the Ramakrishna Mission, Sri K. Balasubrahmanya Aiyar M. L. C. and Rev. W. Hellinger of the Lutheran Mission.

MUSIC

Staff: Mr. T. P. Sundaresan was appointed Lecturer in Tevaram in the place of Mr. M. Subramania Mudaliar.

Students: (a) Tevaram was introduced for all the Classes (2 Periods a week for each Class) and the students evinced great interest in it.

b) Greater attention was paid to practical instruction to enable students to acquire a better grip over the technicalities of the subject.

c) Weekly concerts by students were arranged. A Lecturer supervised the performance of students and technical defects rectified on the spot. This enabled students to get rid of stage shyness.

The Music College Association functioned as usual and music concerts and lectures on theroy of music were organised regularly.

1 ENGINEERING

General: The passed M. I. and R. C. course overseers of this University who had put in two years service in the aggregate in P. W. D., Highways, Revenue and Electricity Departments etc., were permitted by Government to appear for L. C. E. examination conducted by the Technological Diploma Examination Board, Madras. The Overseers are taking advantage of the concession granted by the Government.

The P. W. D., Highways, Railways and many Quasi - Government and recognised private firms offered practical training facilities during summer vacation and the students of II and III year classes and some students of the final year classes availed of the same.

The academic year 1952—1953, began with almost the full complement of staff in Civil and Mechanical

sections though there was great shortage in the Electrical section at the beginning.

Admission: The admission of students for the first year class was restricted to 60 at the instance of the Central Government who had offered to help the University with a grant of about Rs. 11 Lakhs for buildings and equipments.

The Vice - Chancellor appointed a committee of three members for selection of candidates for admission to Engineering and Technology.

Equipment and Laboratories: The Programme of equipping of laboratories was steadily pursued.

On the *Civil side*, order for more equipment for Hydraulic Lab. was placed as the construction of Hydraulic Lab. had been taken up.

On the *Electrical side* important items of equipment like Grid controlled Mercury Arc Rectifier, variable frequency Alternator were received and are being fitted up.

In the Mechanical Laboratory, the fuel testing portion of the lab. was equipped. Three boilers (1) Steinmuller Water tube boiler (2) Cochran boiler and (3) A Marshall 'Loco boiler' are under order.

Workshop: Shaping, slotting, sharpening and chain Mortising machines were added and orders were placed for milling and other improved type of machines.

Buildings: The construction of the III stage buildings is in progress as also the Hydraulic laboratory.

Plans and estimates are pending with the Civil Engineer for Steam laboratory. Details are being worked out for Automobile laboratory and Refrigeration laboratory,

Construction of Pattern shop for workshop was commenced. Proposals for the addition of tool room, Foundry shop ete, were sent.

Laboratory Training: As in last year, the students of final year (Civil, Mechanical and Electrical) had their laboratory training for a short period in Hydraluic and Mechanicel Engineering Laboratories at Guindy.

Library: More books were added to the library. A separate library for the Engineering College was opened and is in charge of a separate Library Assistant. Necessary furniture was received and as soon as they are taken charge of, books will be transferred from the General Library and rearranged.

Social: As usual, the students took their share in all the social and athletic activities of this University.

Association: The Engineering and Technology Association continued its activities as usual.

Under the auspicious of the Engineering and Technology Association, a start was made in arranging the Engineering Exhibition and it was opened by the Vice-Chancellor on 15th November '52. It was opened to the public for three days. The Exhibition which attracted nearly 12 thousand visitors was a phenomenal success.

Discipline: The discipline of the students during the year under review continued to be satisfactory.

CIVIL ENGINEERING

Staff: Rao Bahadur Sri P. Venkataramana Raju, B. E., C. E., (Hons.), M. I. E (Ind.), I. S E., (Retd.) continued as Head of the Department of Engineering and Professor of Civil Engineering. The term of Sri G S. Ramaswami, Professor of Civil Engineering who is in foreign service from the Madras Educational service was extended for two more years from 1-4-52.

Sri S. Narendranath, Assistant Professor of Civil Engineering deputed for undergoing a course in Public Health Engineering at Calcutta is expected to join us early in January, 1953.

Sri P. Arumugaperumal Pillai, Lecturer in Civil Engineering retired from service on 30-6-52. Sri N. A. Ananthakrishnan, and Sri N. K. Shaukat Ali reverted to P. W. D. on expiry of their terms of foreign service during July, '52.

Sri Charles Norman and Sri K. Narasimhan, Supervisors were deputed by the Government on

foreign service and they joined duty during July, 52. Sri M. Kuppuswami joined as Lecturer on the date of reopening.

Classes: Classes were conducted as usual making minor adjustments wherever necessary during the interim period of any vacancy.

Research: As Laboratories are not yet fully equipped even for basic course, no research was taken up.

Survey Camp: It was held for the second and third year Classes during the later half of January, '52 at Tiruvannamalai.

Tours: Students of E3 and E4 Civil were taken on educational tour to Tungabhadra Project, Krishnaraja Sagar Dam, Sivasamudram and Shimsa Hydro Electric stations, Bhavani Sagar, Mettur Dam and Grand and Upper Anicuts. The inspections were very profitable and advantageous to the students

The final year Civil Engineering students were taken on local inspection trips to the Coleroon Bridge works and Sethiathope Anicut.

MECHANICAL ENGINEERING

Sri S. S. Bhatia, Professor left the Services of this University at the end of April, '52 and Assistant Professor Sri C. Rajaram is now discharging the duties of the Professor in addition to his duties.

Sri G. Shanmugam and Sri C. Ramalingam, Lecturers left this University during July and February, '52 respectively and one of these places was taken up by Sri P. Narashimamurthy, our old student while the other vacancy is expected to be filled up by a Supervisor on loan from the Government.

Classes: Laboratory and Lecture classes continued without any interruption

Tour: The students of E.M and E.M were taken to Papanasam, Bhadaravathi Iron and Steel works, Jog Powerhouse etc., and were shown important works at Mysore and other places.

ELECTRICAL ENGINEERING

Staff: Sri P. K. Charlu was promoted as Professor and took charge on 1-6-52 and is continuing as such.

Sri D K. Chowdry, Sri M. Mammen and Sri D. P. Dutt left the services of this University from 1st of June, 1st of May and end of June, '52 respectively.

In the vacancies Sri D. Pradumnakumar, Sri G. Parthasarathy, Sri V, Satyamurthy and Sri A. S. Sivasubramanian joined us as Lecturers.

In the vacancy of the Assistant Professor caused by the Promotion of Sri P.K.Chralu, Sri P. Rada--krishna Chetty was appointed as Lecturer on temperary basis pending availablity of a suitable candidate for the post of the Assistant Professor.

Tour: The students of E3. E and E4. E were taken on tour to Papanasam, Mettur, Mysore, Jog, Madras, Trichy and Coimbatore and were shown mportant works.

WORKSHOP

Sri K. S. Ramamurthy continued as workshop Superintendent.

The training of students was conducted as usual.

TECHNOLOGY

Staff: Sri N. P. Palaniappan was appointed Professor and Head of the Department of Technology. Sri V. Alagariswamy joined the staff in July as Lecturer.

Teaching: Additional hours of teaching in certain subjects of study were provided to implement the revised syllabuses in Chemical Engineering subjects. A Study group was organised for final year students and one of the students presented a paper on a technical subject given to him.

Laboratory: More models were erected and assembled to working condition. The Boiler was brought into service and a few steam experiments were devised for the final year students.

Fuel analysis laboratory: Necessary apparatus for Fuel analysis laboratory was acquired.

Research: Research work on "Heat Transfer to some Indian Vegetable oils" was continued.

Library: Latest additions on technical subjects were made to the Seminar Library bringing the total to more than 800 volumes. 32 advanced technical and industrial periodicals were subscribed for.

Extra-curricular Activities: Instructional tour for the III year students was conducted during the last two weeks of I term. They visited a number of factories in Mettur, Mysore State and advanced Research Institutes in Bangalore, Mysore and Coonoor. A Short tour was also arranged for the final year students to visit factories at Nellikuppam, Trichi and Dalmiapuram.

7. *Exhibition:* The Department organised an exhibition in November, '52. More than 30 experiments and demonstrations were conducted and many manufacturing processes were shown. The Double-effct Evaporator was also worked.

Appendix B.

University Library.

The following were the special features of the work of the Library for the year under report.

1. The average daily attendance during term time was 238 as against 206 of the previous year.

2. Guide boards and printed labels were put up for the shelves.

3 A binder was appointed for the library.

4. Statistics of issue of books for the year showed that literature occupied the first place. The second place was taken by Enginnering; the third place by Economics and the fourth by Mathematics.

5. The working hours continued to be from 10 a.m. to 5-30 p.m. The Textbook library was kept open from 7 a.m. to 10 a.m. and from 1 p.m. to 3 p.m.

Library Committee. A meeting of the Library Committee was held on 15—4—52.

Library Grant. The annual grant for purchase of books, current and back numbers of periodicals, was Rs. 50,000/-

Books. The total number of books on 31—12—52 was 88961. During the year 3420 books were added. Gifts and exchanges amounted to 826. During the year 445 periodicals were subscribed.

Back Numbers of Periodicals. The number of back volumes of periodicals bought during the year was 101.

Issue and consultation. The number of books issued during the year was 33978 as against 32,525 of the previous year; the number of books consulted was 90781 as against 87289.

Classification and cataloguing:- 4497 books and periodicals were classified and catalogued. 283 cross-reference cards were written

Deposit borrowers. There were 40 deposit borrowers during the year.

Inter-lending and inter borrowing:- One book was lent to the University Library, Delhi; 10 books from the Madras University Library, one book from the Connemara Public Library, Madras, and two from the Agricultural College Coimbatore were borrowed.

Binding. 1633 books were bound at a cost of Rs. 2940.

Acknowledgement. The library is indebted to the State and Union Governments, U. S. A., the Dharmapuram and Tiruvavaduturai Adeenams for supply of some of their publications free of cost

Appendix C.

Health and Sanitation.

The general health of the students was satisfactory. The daily dispensing was mostly for minor ailments such as disorders of the digestive system, influenza, middle-ear diseases, tonsilitis, eye-diseases, wounds and bruises etc. and the daily attendance was on the average 200. There were also a few cases of pneumonia, paratyphoid, typhoid, fractures, dislocations, chickenpox, cholera, measles and diphtheria.

The patients who were unable to go to the Hospital were treated in their Hostels.

Antimosquito measures were adopted and they proved effective in mitigating the mosquito nuisance. The sanitary condition of the University premises was generally satisfactory.

Appendix D.

Residence.

(i) Men Students' 'Hostel (Arts & Science).

Warden: Dr V. Baliah, M. Sc., Ph. D.
(Till 15th June, 52)
Sri R. Ramanujachari, M. A.,
(from 15th June, 52)

Dy. Warden: Sri S. Sriraman, M. A., M. Sc.,
(till 15th June, 52)
Sri L. P. Kr. Ramanathan Chettiar,
Associate Professor,
(from 15th June, 52)

The total strength of the hostel in July, 1952 was 641, the corresponding figure for the previous year being 627. In December, 52 the strength went up to 688. There were six messes, of which two were non-vegetarian and the remaining vegetarian. One of these was run for the benefit of the members of the staff.

There were 9 Resident Tutors to assist the Wardens in looking after the welfare of the members of the hostel. As usual, attendance was taken daily at nights. The general health of the members was satisfactory.

The Representative Council met often and gave valuable suggestions and assistance in the matter of the efficient running of the messes.

The 3 common rooms in the hostel, where popular dailies and weeklies were supplied, used to attract a

large number of students interested in news and views. Facilities for out-door games such as Badminton, Volley Ball and Tennikoit were provided in the hostel grounds.

The Inter-Hall tournaments were conducted with great enthusiasm. Dr. B. Natarajan, Economic Adviser to the Government of Madras, delivered the Hostel Day Address on 9—3—52 and distributed the prizes to the winners in the several tournaments.

During the year, ten rooms were constructed in the Sekkilar Hall to meet the growing need for accommodation.

(ii) Engineering & Technology Hostel

staff:- Sri. C. Rajaram and Sri. SM. Lakshmanan Chettiar assumed office as Warden and Deputy Warden respectively in June 1952. Four Tutors were appointed in this Hostel.

Hostel Halls: The Engineering and Technology Hostel consisted of three Halls, *Kambar Hall*, *Bharathi Hall* and *Sekkizhar Hall* in the Main Hostel Blocks and one Hall, *Travancore* Hostel, opposite the Engineering College.

The strength of the Hostel was 370, as against 400 last year, the diffference being due to the smaller number of students admitted to the first year class.

Messes: There were four messes - two vegetarian and two non-vegetarian.

The hostel arranged to supply all the Halls with boiled and cooled water for drinking.

The mess representatives and mess committee members did useful work in the matter of checking supplies to the hostel.

Games: Separate games committees for the two sections of the hostel were functioning and courts for Badminton, Volley Ball and Tennikoit were used by students regularly.

Social Side: Besides the usual terminal feasts, the Hall celebrated important festivals in their own premises. Bharathi Day was celebrated fittingly at Barathy Hall.

An important new activity that took shape was the attempt on the part of the Kambar Hall members to improve their Hall with suitable approaches, planting hedge plants and so on. Considerable work was done by the students with pickaxe and crow bars and a minor "Community Project" was in evidence at Kambar Hall. It is hoped that students of the other Halls will also take up the good example.

Improvements: A hostel canteen was started this year, to provide healthy dishes in the evening to students so that they might not have to visit local hotels. The students took to this canteen with great enthusiasm and did volunteer work at the canteen. During the Engineering Exhibition the canteen opened a stall in the Engineering College grounds and did useful work.

General: The general morale and discipline in the hostel were good and the association of the students in all the activities of the hostel helped in making the students responsible-minded.

(iii) Women Students' Hostel

staff:— Mrs. V. P. Kumuthavalli Ammal (Mont. Dip.) continued as warden.

The total strength of the Hostel in July '52, was 75 as against 60 last year. There was one mess section.

Attendance was taken at 8 P. M. daily. A Students' Representative Council was organised and the students took interest in running the Hostel mess.

The reading room in the Hostel was supplied with daily news papers and weekly magazines in Tamil and English.

There is a Radio in the Ladies club, where the students listened to music in the evenings. A sewing machine was provided for the use of Hostel Students.

Sports were conducted in connection with Hostel day and a send-off was given to the Seniors by the Juniors. There was also a Variety Entertainment in which many students took part.

Ranger Guides :— There were 22 Ranger Guides including a Guide Captain. There was an excursion to Porto-Novo last term.

Health:— The general health of the members was satisfactory.

Visitors:— The visitors met the members of the Hostel only between 4 P. M. & 6 P. M.

Appendix E.

Rovers.

The crew functioned as in the previous year. The activities consisted of regular parades, classes on scouting, service to the public and to the University. There were two classes per week with extra classes whenever necessery. They rendered service during Arudra Darsan and Republic Day celebrations.

In September 1952 a batch of rovers went on a ramblers' tour. There was a training camp at Thirumailadi. They helped the cheri people on the yclone day (6–12–52.)

Appendix F.

List of candidates Registered for Reseach Degrees.

NAMES.	DEGREE	SUBJECT OF THESIS.
1. M. Balasubramanian	Ph. D.	"Economic Conditions in India with special reference to Madras" from 1900 onwards.
2. V. Gopalakrishnan	,,	Experiments on the Synthesis of Pyraloye and Pyridazine derivatives.
3. V. V. Ramanujam	,,	Studies on some under complex compounds of metals.
4. C. Ramalingam	M. Litt.	Philosophy of Tiruvalluvar.
5. P. F. Davis	,,	The System of Govt. as depicted in *Kautilyas* Arthasastra.
6. Miss. K. S. Godavari Bai	,,	The evolution of Central Banking in India.
7. S. Sambasivam	M. Sc.	Chemical Kinetics
8. T. Rangarajan	,,	Studies in Sulphones and Sulphoxides.
9. R. Varadhachari	,,	Ultraviolet Absorption Spectra of piperidine derivatives.
10. D. Subramanian	,,	A study on response of some Indian vegetables to the application of certain chemicals including plant growth regulators.

NAMES.	DEGREE.	SUBJECT OF THESIS.
11. C. N. Sambandham	M. Sc.	Application of Plant Growth Regulators for propagation of some horticultural plants.
12. K. M. Srinivasan	,,	A study of the response of some South Indian Weeds to certain Herbicides.
13. R. Sethuraman	,,	Studies on liquid-liquid extraction with Special reference to the isolation of unsaturated constituents in vegetable oils.
14. Miss A. A. Aleykutty	,,	Studies on Fries Reaction.
15. M. S. Ramanujam	,,	Higher Analysis.
16. Sri. V. Raghavan	M.Sc. (Bot)	Germination of seeds.

Degrees awarded

NAMES	DEGREE.	SUBJECTS.
1. V. Gopalakrishnan	M. Sc. Chem.	Synthesis of some piperdine derivatives of possible therapeutic value.
2. V. R. Meenakshi	M. Sc. (Zoo).	Studies on Physiology of I Digestion in *Pila Virens* (Lamarck) and *Melania.* Crenulata (Deshayes) and II the Distribution of Vitamin C in some Gastropods and its Biosynthesis in Pila Virens.
3. K. Ramamuthy	,,	The Brood-Pouch and Embrylogy of some Viviparous Melaniidae.
4. A. T. Natarajan	M. Sc. (Bot).	Studies in the Morphology of Pollen Greins (Tubiflorae).
5. V. R. Rajagopalan	,,	The Ecological adaptations of the mangrove vegetation at Pichavaram and the cytological Studies in combretaceae.
6. C. Srinivasan	,,	Morphological Physiological and cytological studies in Abrus.

Appendix G.

List of Prize winners and Medalists.

S. No.	The style of Prize.	Name of the prize holder.
1.	The R. C. Greive, Inter-English prize.	Ramachandran P. M.
2.	The Lady Simpson (Inter-Arts) prize.	Sundarambal S.
3.	The Sir R. Venkataratnam Nayudu prize (Philosophy)	Rajamani T. R.
4.	C. Ramalinga Reddy (History & Politics) prize.	Murugesan G.
5.	C. Ramalinga Reddy (History & Politics Hons.) prize,	Padmanabhan K. V.
6.	The Sir J. Simpson (Economics Hons.) prize.	Balachandran S,
7.	The Mrs. Littlehails (Inter Science) prize.	Ganesan N.
8.	The R. Littlehails (Mathematics Hons.) prize.	Krishnamurthy R.
9.	The J. F. Bryant (Physics) prize.	Sethuraman R.
10.	The J. F. Bryant (Physics Hons.) prize.	Balachandran C. G.
11.	The Viscount Goschen (Chemistry) prize.	Leela N.
12.	The Viscount Goschen (Chemistry Hons.) prize	Srinivasan N.
13.	The Founder's (Botany) prize.	Padmanaban P.
14.	The Founder's (Tamil) prize.	Indira P. C.
15.	The Founder's (Tamil Hons.) prize,	Vaithilingam S.
16.	The Dr. Subbarayan (Tamil Pulavar) prize.	Thambirajah M.
17.	The Founder's (Sanskrit) prize.	Ramaswamy S.
18.	The Principal Neelakanta Sastriar Prize (Indian History)	Pichammal R.

19.	The Mahamahopadhaya Kuppuswami Sastri Prize Sanskrit, Vidwan or Inter.	Ganesan N.
20.	His Highness the Maharaja Sir Balarama Varma Travancore Medal (Malayalam)	Gangadharan Nair P.
21.	The S. V. Ramamurthy Mathematics prize.	Ganesan N.
22.	The Sir Thomas Austin Prize (Co-operation) Math. Statisties.	Venkatanarayana Reddy G.
23.	The Lady Strathie Prize (Inter Economics)	Arunachalam M.
24.	The Hon'ble T. S. Avinashilingam Engg. (First year) prize.	Panduranganatha Rao P.
25.	The M. A. Mater Engg. (Second year) prize.	Raman R.
26	The Hon'ble M. O. P. Ramaswami Reddiar (Engg. III year) prize.	Tirupataiah T.
27.	Mr. T. Sundara Rao Naidu (Tech. III year) prize.	Rangarajan S
28.	Diwan Bahadur S. E. Ranganadhan English Prize.	Ahalya Raju V.
29.	The Sir Nataraja Gold Medal II (B.A. Hons.) Eco.	Balachandran S.
30.	The Sangitha Vidvans' conference prize.	Manisekaran G.
31.	H. H. The Maharani of Bhavanagar (Tech I year) prize.	Ramachandran P. N.
32.	The Hon'ble the Chief Justice P. V. Rajamannar (Tech. II year) Prize.	Ramamurthy B. A.
33.	H. E. The Maharaja of Bhavanagar (Tech. IV year) prize.	Sethuraman R.
34.	Mrs. Harvey Prize. (a) B. E. Part II Mech.	Chinniah A.
35.	Maniketh K. Krishnamenon Memorial Prize (Zoo. Hons.)	Ramachandran V.
36.	The V. Venugopala Chettiar (Sanskrit Hons.) prize.	Davis P. F.

Appendix H.

Audit Report on the Accounts of the Annamalai University, Annamalainagar, South Arcot District for the year 1951—1952.

Name of Auditor: Sri S. Selvarayan, B. A., District Inspector of Local Fund Accounts.

Time taken for audit: 1st August 1952 to 15th September 1952 and from 25th to 27th October 1952.

The Office of Vice-Chancellor was held by Dr. S. G. Manavalaramanujam, M. A., Ph. D. (Lond), D.I C. from 1—4--51 to 23—11—1951 and by Dr. R. K. Shanmukham Chetty, B. A., B. L., D. Litt., from 24—11—51 to 31—3—52.

The Office of Registrar was held by Sri S. Satchidanandam Pillai B. A., L. T., from 1—4—51 to 16—6—1951 and by Sri K. P. Kandaswamy Pillai from 17—9—51 to 4—12—51 and by Sri A. M. Balasundaram Mudaliar, B. A., from 5—12—1951 to 31—3—1952.

2. The opening balance in the cash book is in agreement with the closing balance of the previous year. The closing balance as per cash book is shown below:

Unremitted cash on hand	Rs.	5,491	5	3
Balance in the Treasury		11,97,666	13	0
Balance in the Bank		59,190	7	11

The treasury balance on 31—3—1952 according to March 1952 final account of the Accountant General was Rs 11.98,629—10—0 while the figure according to the University cash book in the treasury was Rs 11,97,666—13—0. Early action would need to be taken for the reconciliation of the difference. The closing balance in the Bank was however in agreement with the balance appearing in the Bank Pass book after allowing for out - standing cheques at the end of the year. The statements of receipts and charges are appended.

Reply:

The reconciliation will be effected and shown to the Auditor.

3. The more important irregularities are detailed below. The irregularities of a minor nature noticed during the concurrent and annual audit have been communicated in the monthly and annual objection statements which should be treated as part of this report.

4. Paragraph 11 of audit report 1949—50

Materials Purchased For Departmental Work or Supply To Contractors For Works-Cost of Cement Not Adjusted.

The cost of cement issued on works has not yet been adjusted to the stores account. Early action needs to be taken in this regard.

Reply:

The cost of cement issued to the various departmental works has since been adjusted.

Pending Objections Of The Previous Year.

5. (a) Paragraph 12 of audit report for 1950-51.

University library books issued to student not received back nor their cost recovered: To safeguard the loss of books, it was suggested that a deposit may be obtained from those who take library books outside the library. This suggestion may be placed before the Syndicate for decision so that steps necessary may be taken in time for safeguards.

Reply:

The subject has again been placed before the Library Comittee and Syndicate for consideration.

5. (b) Paragraph 15 of audit report for 1950—51.

Maintenance of service registers in lieu of service sheets: Action remained to be taken on the suggestion to maintain service books in lieu of service sheets and to have the services of the employees duly verified every year as in the case of Government employees.

Reply:

The subject has been placed before the Rules Committee of the Syndicate.

6. Government Grant for Drainage scheme - short drawal: The cost of the scheme was Rs. 7 lakhs and Government have accepted to pay half grant in G. O. No. 578, Education, dated 23—2—50. The total expenditure on Drainage Scheme in 1951—52 worked up to

Rs 1,81,414—12—9 for which the half grant of Rs. 90,707—6—0 was due. But a sum of Rs. 89,350/— was adjusted within the year, as per G. O. No Ms. 552, Education, dated 15—3—52. The balance would need to be claimed along with the grant due for the next year.

Reply:

The balance of amount will be claimed as usual in March '53.

7. Sanction of the Syndicate for the creation of new posts not shown: Sanction of the Syndicate was not pointed out for the creation of the following posts: In the absence of such sanction, the expenditure incurred on these new appointments is irregular and cannot be admitted in audit. Vide also Rule 78 of the F/A Rules.

Civil Engineering department:

(1) One draftsman S. R. Chinniah Raju on Rs 70 plus Dearness allowance from 17—5—1951 to the end of the year. He was paid Rs 891 during this year.

(2) Two head coolies on Rs 14/— plus 18 Dearness Allowance each, from 1—5—1951. Expenditure incurred during this year amounted to Rs. 640/—

Reply:

The Syndicate has since sanctioned the posts on 17—1—53

8. Travelling Allowance to Professors and Lecturers on Instructional tours—Rate of Railway fare not revised: The recommendation of this Committee appointed in October 50 to consider the rate of Travelling allowance allowable to members of the staff was approved by the Syndicate in its resolution No 5 dated 10—3—51. The comittee recommended the rates as in the Madras Travelling allowance Rules and prescribed Class I fares by rail, as there was no 'inter class' accommodation prior to March 1951. Since 'inter class' has been provided by the Railway administration from 1—4—51, and in view of the fact that the rates of Madras Travelling allowance were since revised to 'interclass' in the case of Government servants of non gazetted status. It is for consideration as to whether the "class II" accommodation as already decided in October 1950 should be continued even after 1—4—51. The views of the Syndicate may be obtained and the rules amended where necessary.

Reply:

No change is considered necessary.

9. Statute of the University not amended: The Syndicate at its meeting dated 28—10—1950 resolved to make provision for eligible permanent servants of the University on a salary of less than Rs 20/— per mensem to the benefits of University Provident Fund. But the Statute No 3 of the Laws of the University Calendar (Chapter XXV) governing the P. F. Rules was not suitably amended with the sanction of the Senate duly approved by the Chancellor. In the absence

of such approval to the amendment of the P. F. rules the admission of servants with a pay of less than Rs. 20/ p. m. to P. F and adjustment of contribution in such cases would not be in order.

Reply:

Amendments to the Statutes as recommended by the Syndicate will be placed before the Senate in March 1953.

10. Advances pending adjustment: The following advances are still pending adjustment. Early action would need to be taken to get them adjusted early.

Date of advance	to whom advanced	Amount Advanced Rs.		
29—3—49	Director General of Disposals	457	0	0
24—5—50	Swadeshi Clock Co.	4,250	0	0
14—7—50	,,	2,875	0	0
13—9—50	Tata Air Craft	14	0	0
18—9—50	Sri Balakrishna Pillai	10	2	0
11--12--50	Madras Pipe Dealers Association	145	15	0
2—2—51	Sri Thirugnanasambandam	25	0	0
9—3—51	do	30	0	0

Reply:

1. Advance of Rs. 457/- with the Director General of Disposals.

This amount will be adjusted as soon as the articles are received here.

2 and 3: The two advances made to Swadeshi Electric Clock Manufacturing Company will be adjusted when final payment is made to them for the tower clock.

4. The necessary licence for getting the signal stores was received only on 25—11—52 and the Director General of Disposals, Calcutta has been asked to send the apparatus without delay.

5. Sri Balakrishna Pillai has been requested to render accounts for the amount of advance.

6. Necessary adjustments have been made.

7 and 8: Adjusted on 10—1—53.

11. Library Books Missing: In the stock verification report of the Librarian it was recorded that 112 books to the value of Rs. 425—14—0 were missing. The result of action taken to recover the cost of missing books from the persons responsible may be reported. Attention in this connection is invited to paragraph 5 (a)

Reply:

Please vide reply to para 5 (a) above.

12. Stock Verification Reports - Discrepancies: It was seen that there were discrepancies in the stock verification reports received from the following departments. Necessary action may be taken in the matter and the result reported.

1. Head of the department of Botany
2. The Civil Engineer
3. Mechanical Engineer.

Reply:

The value of articles is written off by the Vice-Chancellor.

PART II. HOSTELS.

13. Pending objection of over two years:

Paragraph 16 of audit report for 1949–50 and
" 18 (d) (1) & (II) of audit report for 1950–51.

Arrears of Hostel dues pending realisation: The arrears of hostel fees as shown below are still pending realisation.

1948—49	Arts and Science Hostel	Rs. 912	0	0
1949—50	do	616	13	0
1948—49	Women Students' Hostel	44	12	0

It is not understood how such arrears were allowed and how payments due to such extent were made, as such dues are for supplies made, the cost of which was already paid from the hostel funds in advance. Attention is invited to the Government review on replies to the Audit Report 1950—51 wherein it was suggested that a deposit equal to 2 months' mess charges should be taken from each student.

Reply:

The matter is being examined in detail and will be placed before the Syndicate for orders.

14. PARAGRAPH 19 OF THE AUDIT RFPORT FOR 1950 — 51.

Women Students' Hostel not self supporting.

The necessity to show the accounts of this hostel as a separate unit instead of treating this as one section of the hostel in general in which case the deficit may be avoided, is not apparent, especially when the deficit is due to establishment charges.

Reply:

The Syndicate on 17—1—53 has resolved to run the women Students Hostel as one of the sections of the Arts & Science Hostel as an experimental measure for one year.

15. Hostel arrears still pending realisation: The amounts as shown below are still pending realisation from the students who have left the hostel.

1. Women students' hostel	1950—51	Rs	15	8	0
	1951—52	Rs	181	9	0
2. Arts and Science hostel	1951—52	Rs	172	15	0
3. Engineering and Technology Hostel:					
	1950—51		16	4	0
	1951—52		103	12	0

Out of the arrears of Rs 16—4—0 relating to the year 1950—51, Rs 13—6—0 was due from the one Srirangam P. V. whose deposit account was already closed in 1951—52.

Reply:

An amount of Rs. 181—5—0 has since been collected by the Women Students Hostel from the arrears of 1951—52. Vide also reply to para 13 above.

16. Irregular credit to Hostel Accounts: According to the Hostel rule 3 on page 13 of the Hand Book of 1951, if a member stays in the Hostel during any part of April and May for purposes of examination, he should pay a flat rate of Rs 0—10—0 per day towards establishment, lodging and lighting, and non-members at the rate of Rs 0—12—0 per day. But it was seen that the entire collections made in April 1951 were credited to hostel accounts instead of remitting a portion to University funds towards room rent and lighting charges.

Reply:

Necessary allocation has been ordered by the Vice—Chancellor and the allocated amount will be collected from 1952—53.

17. Women Students' Hostel not self supporting: During the year under report, the expenditure on the maintenance of the Women Students' Hostel amounted to Rs. 522,62—14—3 against the receipts of Rs 21,647—12—3. Thus the expenditure has exceeded the receipts by Rs. 1008—2—0. A sum of Rs 500/— was contributed from the General Account. Even after adjusting this contribution there was still a deficit of Rs 508—2—0. Vide remarks against paragraph 15 to wipe off the deficit.

Reply:

Vide reply to para 14 above.

18. Objection Statements and further remarks not returned with replies: The following objection statements and further remarks issued on the dates noted below have not yet been returned with replies.

(a) Objection Statement: University Accounts

Period of objection statement	date of issue
April and May 1951	2—11—51
June to August 1951	26—2—52
September to December 1951	30—5—52
January to March 1952	12—9—52

(b) Further Remarks: Hostel Accounts:

Further remarks issued onthe objection statement of Women Students' Hostel for April to June 1950 ... 17—3—51

Further remarks issued on the objection statement of Arts and Science Hostel for April to June 1950 17—3—51

Reply:

(a) All the objection statements have since been returned.

(b) The further remarks have since been answered.

19. Result of Audit: The general result of audit may be considered as satisfactory both with regard to the account of the University (General Funds) and Hostels.

20. Receipts and Charges: The gross receipts and charges of the year were Rs. 1,22 99,639—8—4 and Rs 1,13,11,028—5—1, respectively.

21. Objection pending settlement: One hundred and forty items of objections involving Rs 6,559—10—6 were pending settlement at the close of audit as detailed below:

Year	No. of items	Amount		
1949—1950	2	—		
1950—1951	34	1,089	8	0
1951—1952	104	5,470	2	6
	140	6,559	10	6

Reply:

Seventy objections have so for been settled and every effort will be made to settle the remaining objections.

Appendix I.

Strength of Staff in the various Departments.

	Departments	Prof.	Asso Prof.	Lecturers	Tutors or Demonstrators	Total
1.	English	1	1	8	4	14
2.	Philosophy	1		3		4
3.	History	1	1	3		5
4.	Economics	1	1	4		6
5.	Physical Education	1		4		5
6.	Mathematics	1	1	7		9
7.	Physics	1	1	6	3	11
8.	Chemistry	1	1	6	4	12
9.	Botany	1		3	2	6
10.	Zoology	1	1	4	2	8
11.	Tamil	1	1	9	3	14
12.	Sanskrit		1	6		7
13.	Malayalam			1		1
14.	Hindi and Urdu			1		1
15.	French			1		1
16.	Music	1		10		11
17.	Tamil (Research)	1		3		4
18.	Agriculture	1		1		2

		Prof	Asso Prof.	Lecturers	Draftsmen	Total
19.	Engineering					
	Civil	2	4*	9	1	16
	Mechanical	1	1	4	1	7
	Electrical	1	1	4	1	7
20.	Technology	1	2	4		7
	Workshop Superintendent		1			

* One on study leave.

Appendix J.

Strength of Students in the Various Departments.

Name of the Department	Intermediate	B. A.	B, Sc.	B. A. (Hons)	B. Sc, (Hons)	Pulavar	Siromani	Sangitha Bushana	Engineering	Chemical Engineering
English	762	67	146	56	36	—	—	—	—	—
Philosophy	64	15	—	21	—	—	—	—	—	—
History	282	42	—	22	—	—	—	—	—	—
Economics	266	67	—	93	—	—	—	—	—	—
Mathematics	210	5	36	—	23	—	—	—	—	—
Physics	422	—	64	—	39	—	—	—	—	—
Chemistry	446	—	80	—	26	—	—	—	—	—
Botany	236	—	42	—	22	—	—	—	—	—
Zoology	236	—	55	—	28	—	—	—	—	—
Agriculture	24	4	13	—	—	—	—	—	—	—
Tamil	632	63	106	26	—	56	—	—	—	—
Sanskrit	86	4	27	4	—	—	9	—	—	—
Malayalam	1	1	5	—	—	—	—	—	—	—
French	—	—	2	—	—	—	—	—	—	—
Hindi	3	—	1	—	—	—	—	—	—	—
Urudu	7	—	3	—	—	—	—	—	—	—
Music	—	—	—	—	—	—	—	45	—	—
Engineering	—	—	—	—	—	—	—	—	294	—
Chemical Engineering	—	—	—	—	—	—	—	—	—	108

Appendix K.

Extension Lectures.

Speaker.	Subject.
திரு. E. S. வரதராசஐயர்	திருத்தக்கதேவர் கவித்திறம்
திரு. K. N. சிந்தாமணி	இயற்கைப்புனைவும் சங்கப் புலவரும்
திரு. வி. மு. சோமசுந்தரம் பிள்ளை	சொற்பொருளாராய்ச்சி

Mathematics.

Dr. K. Rangasamy Iyyer	Mathematical Statistics.